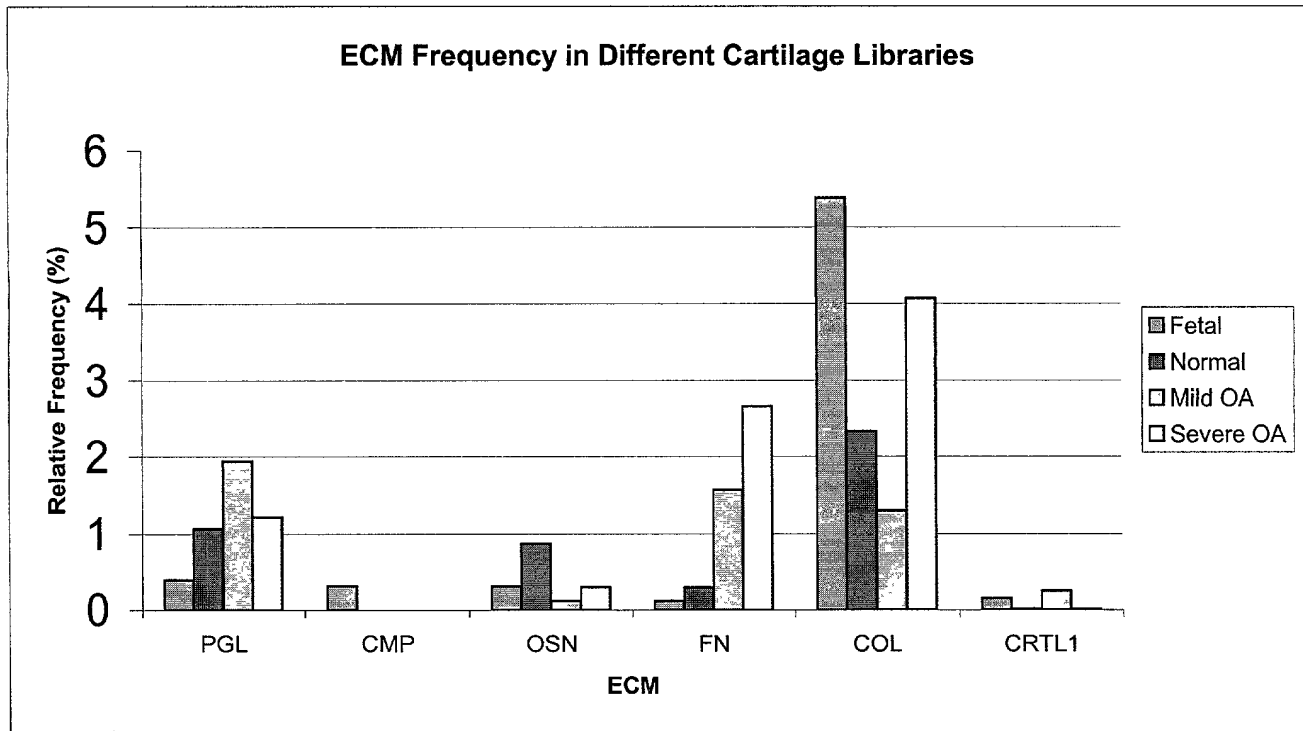


**Figure 1. - Relative EST Frequencies of Selected ECM Proteins**

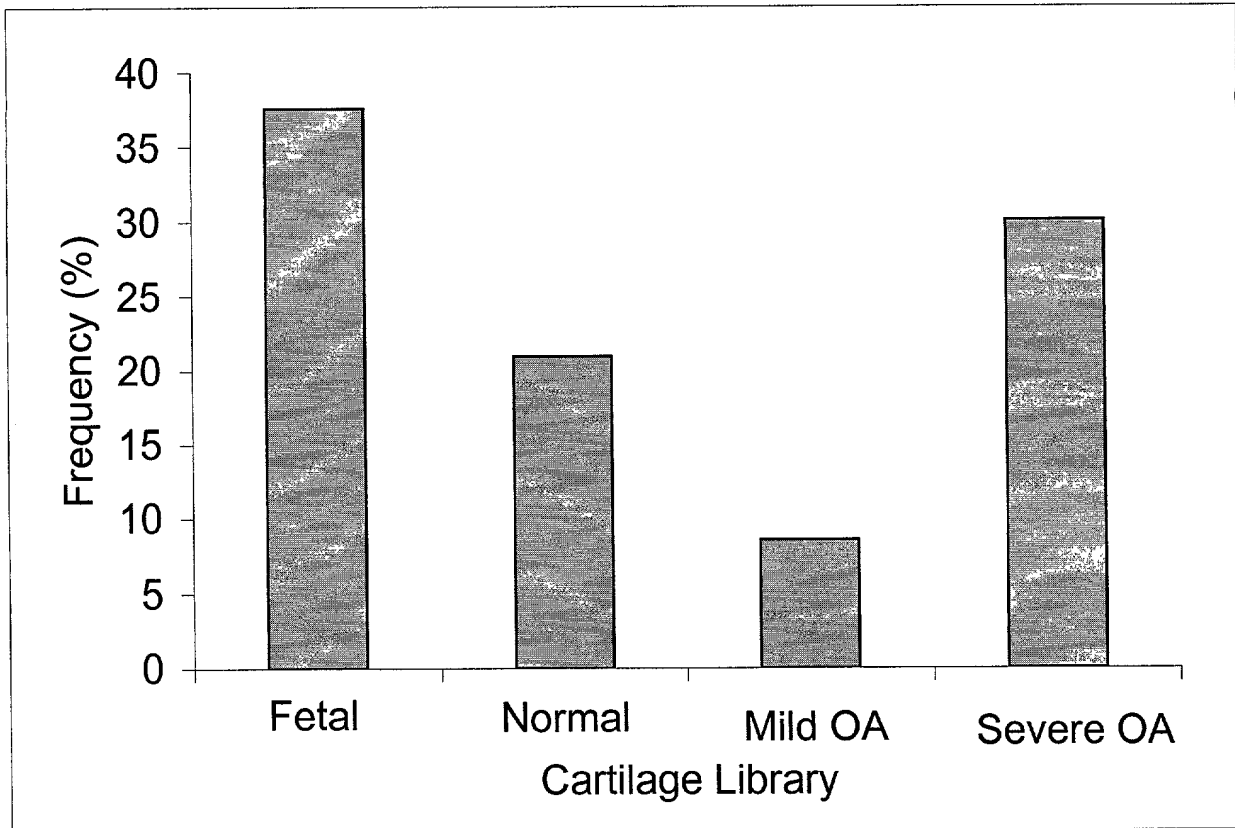


**Legend:** PGL=proteoglycan, CMP=cartilage matrix proteins, OSN=osteonectin, FN=fibronectin, COL=collagens, CRTL 1=cartilage link protein

	Fetal		Normal		Mild		Severe	
<b>PROTEOGLYCANS</b>								
aggrecan (cartilage specific proteoglycan)	14		1		4		3	
chondroitin sulfate proteoglycan 2 (versican) (CSPG2)	1		4		2		0	
chondroitin sulfate proteoglycan 4 (melanoma-associated) (CSPG4)	3		0		0		0	
dermatan sulfate proteoglycan 3 (DSPG3)	7		0		0		0	
heparan sulfate proteoglycan (HSPG)	9		4		4		12	
keratocan (keratan sulfate proteoglycan)	2		0		0		0	
bone/cartilage proteoglycan I precursor (Biglycan) (PG-S1)	2		1		1		4	
decorin (chondroitin/dermatan sulfate proteoglycan PG40 =DCN)	14		172		234		154	
<b>Total</b>	<b>52</b>		<b>182</b>		<b>245</b>		<b>173</b>	
		%		%		%		%
Proteoglycans	52	0.39	182	1.06	245	1.94	173	1.22
cartilage matrix protein (CMP)gene	42	0.31	0	0.00	0	0.00	0	0.00
osteonectin (secreted protein, acidic,cysteine-rich SPARC)	42	0.31	149	0.87	15	0.12	42	0.30
fibronectin	16	0.12	50	0.29	198	1.57	379	2.67
Collagen	722	5.39	401	2.34	164	1.30	578	4.06
cartilage link protein (CRTL1) (ORF)	20	0.15	2	0.01	31	0.25	1	0.01
<b>Total</b>	<b>894</b>		<b>784</b>		<b>653</b>		<b>1173</b>	

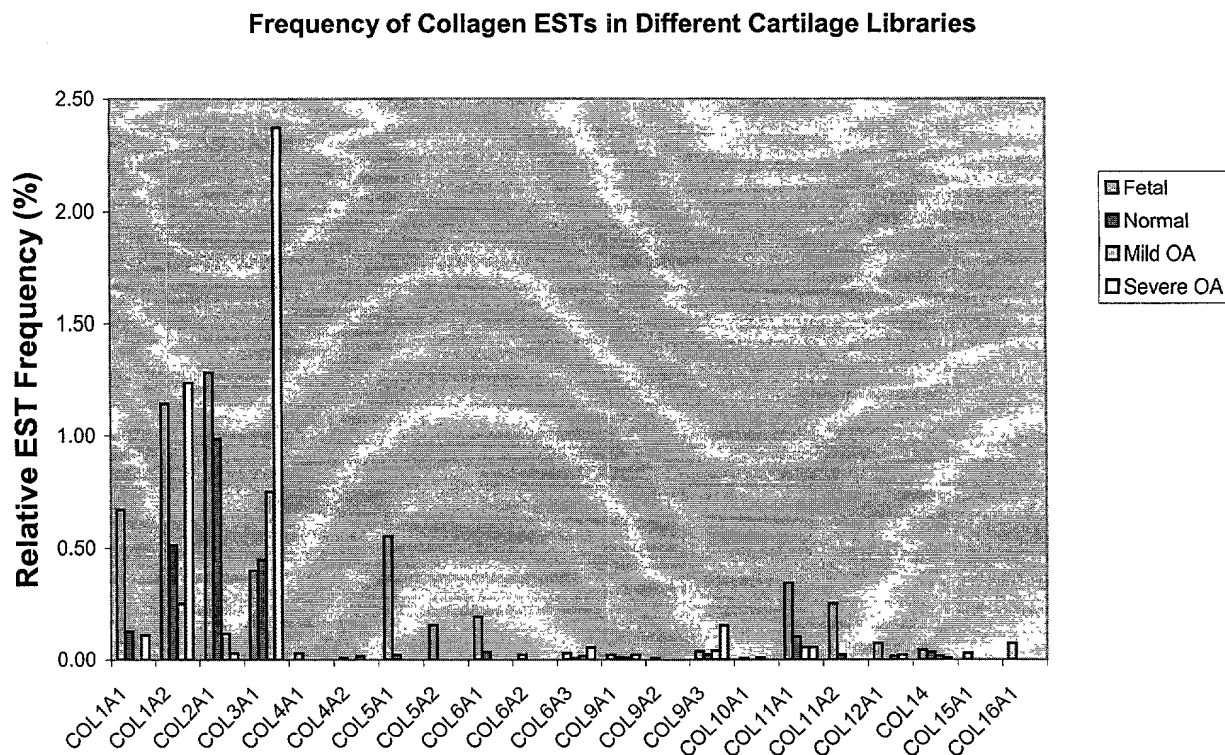


**Figure 2. - Relative Frequency of Collagen ESTs**



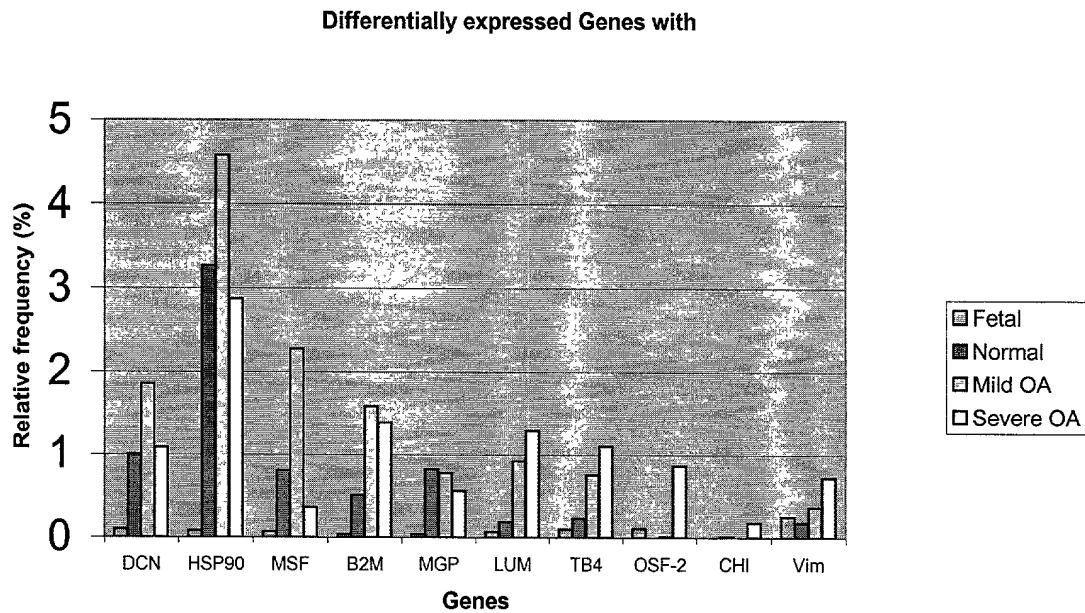
cDNA Library	Collagen ESTs	Frequency (%)
Fetal	722	37.6
Normal	401	20.9
Mild OA	164	8.5
Severe OA	578	30.1
Total Collagen ESTs	1865	

**Figure 3. - Relative Frequencies of Collagen ESTs in Human Cartilage Libraries**



	Fetal	13398	Normal	17152	Mild	12651	Severe	14221
Collagen Genes	722	%	401	%	164	%	578	%
collagen type I alpha 1 (COL1A1)	90	0.67	22	0.13	0	0.00	16	0.11
collagen type I alpha 2 (COL1A2)	153	1.14	88	0.51	32	0.25	176	1.24
collagen type II alpha 1 (COL2A1)	172	1.28	169	0.99	15	0.12	4	0.03
collagen type III alpha 1 (COL3A1)	54	0.40	77	0.45	95	0.75	337	2.37
collagen type IV alpha 2 (COL4A2)	4	0.03	0	0.00	0	0.00	0	0.00
collagen type IV alpha 1 (COL4A1)	1	0.01	0	0.00	2	0.02	0	0.00
collagen type IX alpha 1 (COL9A1)	74	0.55	4	0.02	0	0.00	0	0.00
collagen type IX alpha 2 (COL9A2)	21	0.16	0	0.00	0	0.00	0	0.00
Collagen type IX alpha 3 (COL9A3)	26	0.19	6	0.03	0	0.00	0	0.00
collagen type V alpha 1 (COL5A1)	3	0.02	0	0.00	0	0.00	0	0.00
collagen type V alpha 2 (COL5A2)	4	0.03	1	0.01	2	0.02	8	0.06
collagen type VI alpha 1 (COL6A1)	3	0.02	2	0.01	1	0.01	3	0.02
Collagen type VI alpha 2 (COL6A2)	1	0.01	0	0.00	0	0.00	0	0.00
collagen type VI alpha 3 (COL6A3)	5	0.04	4	0.02	5	0.04	22	0.15
collagen type X alpha 1 (COL10A1)	1	0.01	0	0.00	1	0.01	0	0.00
collagen type XI alpha 1 (COL11A1)	46	0.34	18	0.10	7	0.06	8	0.06
collagen type XI alpha2 (COL11A2)	34	0.25	4	0.02	0	0.00	0	0.00
collagen type XII alpha 1 (COL12A1)	10	0.07	0	0.00	2	0.02	3	0.02
collagen type XIV (COL14)	6	0.04	6	0.03	2	0.02	1	0.01
collagen type XV alpha 1 (COL15A1)	4	0.03	0	0.00	0	0.00	0	0.00
collagen type XVI collagen alpha 1 (COL16A1)	10	0.07	0	0.00	0	0.00	0	0.00
<b>Total</b>	<b>722</b>	<b>5.39</b>	<b>401</b>	<b>2.34</b>	<b>164</b>	<b>1.30</b>	<b>578</b>	<b>4.06</b>

**Figure 4. - Relative EST Frequencies of Selected Chondrocyte Genes**



Selected Genes	Fetal	%	Normal	%	Mild	%	Severe	%
		13398		17152		12651		14221
decorin (chondroitin/dermatan sulfate proteoglycan PG40 =DCN)	14	0.10	172	1.00	234	1.85	154	1.08
alpha gene sequence (=heat shock protein 90) (=PRO2853)(=HSP90)	11	0.08	561	3.27	580	4.58	408	2.87
proteoglycan 4=megakaryocyte stimulating factor; MSF=SZP	10	0.07	138	0.80	287	2.27	51	0.36
beta-2-microglobulin (RefSeq aa 6e-66)	6	0.04	88	0.51	200	1.58	196	1.38
matrix Gla protein (MGP)	6	0.04	140	0.82	97	0.77	80	0.56
lumican (LUM)	9	0.07	33	0.19	116	0.92	182	1.28
thymosin beta-4	14	0.10	40	0.23	95	0.75	156	1.10
osf-2 mRNA for osteoblast specific factor 2 (OSF-2p1)	15	0.11	0	0.00	1	0.01	123	0.86
chitinase (HUMTCHIT)	0	0.00	1	0.01	0	0.00	25	0.18
vimentin gene	33	0.25	31	0.18	46	0.36	102	0.72
Total	118		1204		1656		1477	

**Figure 5 - Breakdown of Total ESTs in Four Human Cartilage cDNA Libraries**

Category	Fetal # of ESTs	Normal # of ESTs	Mild # of ESTs	Severe # of ESTs	Total
Known/Named Genes	5747	6755	5467	7298	25267
Mitochondrial	258	392	485	385	1520
Ribosomal	1930	1254	539	883	4606
Repetitive Sequences	586	1362	725	399	3072
Vector	107	5	1	1	114
EST Match	1855	1522	1976	2048	7401
Genomic Sequence Match	1948	3979	2442	1939	10308
cDNA/Hypothetical Protein	758	1750	868	1140	4516
No Significant Match	209	132	148	129	618
	<b>13398</b>	<b>17151</b>	<b>12651</b>	<b>14222</b>	<b>57422</b>

**Note: See Figure 5A for graphical breakdown in each of the four human cartilage cDNA libraries**

**Figure 5A - Breakdown of ESTs in Four Human Cartilage cDNA Libraries**

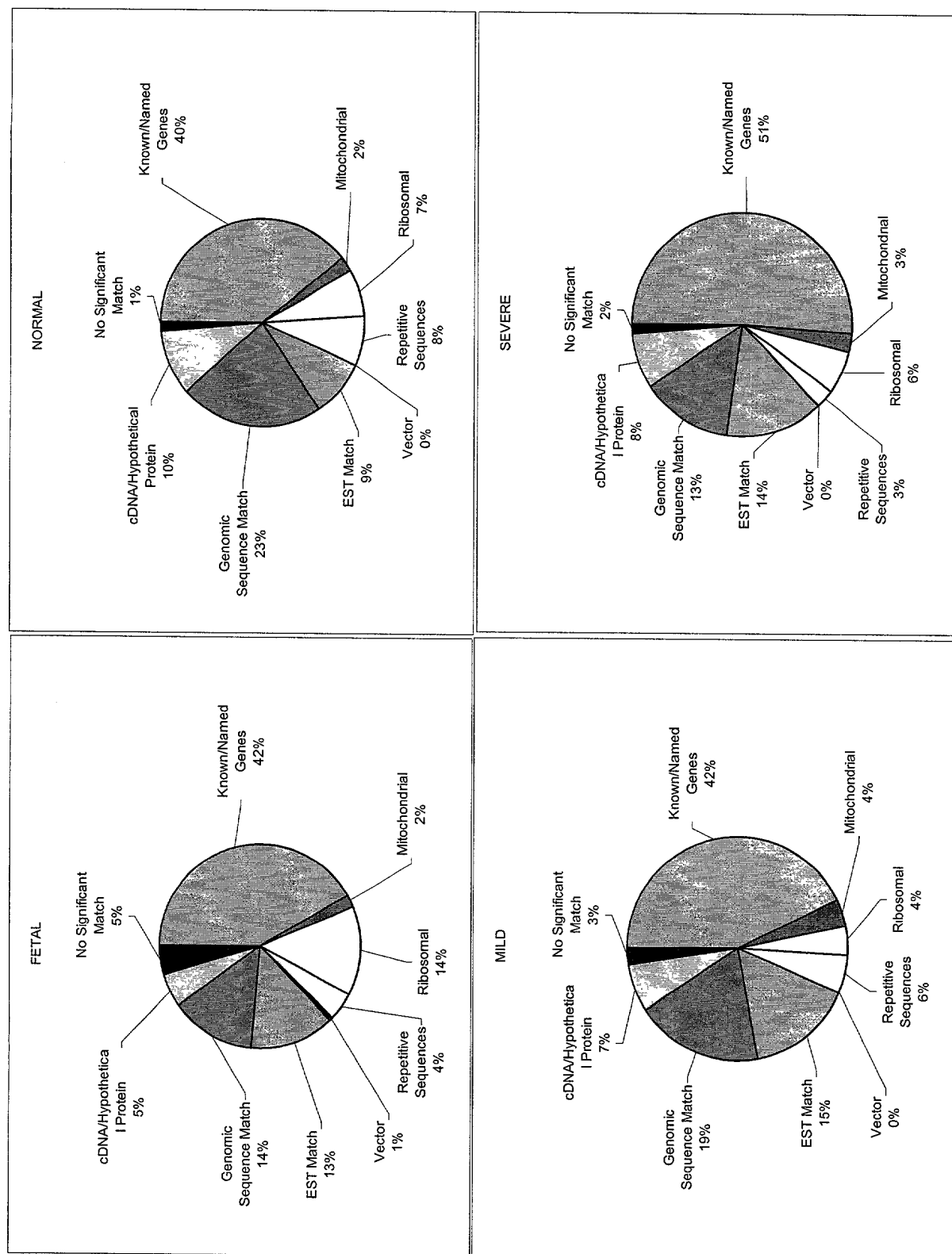


Figure 6 - Unique Known Genes Identified In Four cDNA Cartilage Libraries and EST Frequency Analysis - Page 1 of 102

Total ESTs from each library			13398		17151		12651		14222		57422	
	Gene Name	Accession #	Fetal		Normal		Mild		Severe		Total	
1	alpha gene sequence (=HSP90)	AF203815.1	11	0.08%	561	3.27%	580	4.58%	408	2.87%	1560	
2	mitochondrial genome (consensus sequence)	X62996	112	0.84%	181	1.06%	291	2.30%	194	1.36%	778	
3	fibronectin (FN)	X02761.1	16	0.12%	50	0.29%	198	1.57%	379	2.66%	643	
4	decorin (DCN)	NM_001920.1	14	0.10%	172	1.00%	234	1.85%	154	1.08%	574	
5	collagen type III alpha 1 (COL3A1)	X06700	54	0.40%	77	0.45%	95	0.75%	337	2.37%	563	
6	beta-2 microglobulin gene (B2M)	gb AF072097.1	6	0.04%	88	0.51%	200	1.58%	196	1.38%	490	
7	proteoglycan 4 (=megakaryocyte stimulating fac	AAB09089.1	10	0.07%	138	0.80%	287	2.27%	51	0.36%	486	
8	collagen type I alpha 2 (COL1A2)	NM_000089.1	153	1.14%	88	0.51%	32	0.25%	176	1.24%	449	
9	mitochondrion, complete genome (=AF382012.1	NC_001807.2	96	0.72%	141	0.82%	114	0.90%	92	0.65%	443	
10	collagen type II alpha 1 (COL2A1)	J00116.1	172	1.28%	169	0.99%	15	0.12%	4	0.03%	360	
11	ribosomal DNA complete repeating unit	U13369.1	11	0.08%	303	1.77%	28	0.22%	15	0.11%	357	
12	elongation factor 1 alpha 1 (EEF1A1)	NM_001402.1	150	1.12%	66	0.38%	36	0.28%	89	0.63%	341	
13	lumican (LUM)	NM_002345.1	9	0.07%	33	0.19%	116	0.92%	182	1.28%	340	
14	matrix Gla protein (MGP)	X53331	6	0.04%	140	0.82%	97	0.77%	80	0.56%	323	
15	thymosin beta-4 (TMSB4X)	M17733	14	0.10%	40	0.23%	95	0.75%	156	1.10%	305	
16	osteonectin gene (SPARC) secreted protein, aci	M25746.1	42	0.31%	149	0.87%	15	0.12%	42	0.30%	248	
17	ribosomal protein S27 (=metallopanstimulin 1 M	NM_001030.1	36	0.27%	105	0.61%	36	0.28%	70	0.49%	247	
18	vimentin gene (VIM)	Z19554	33	0.25%	31	0.18%	46	0.36%	102	0.72%	212	
19	ribosomal protein L7	X52967	45	0.34%	44	0.26%	63	0.50%	54	0.38%	206	
20	scrapie responsive protein 1 (SCRG1)	NM_007281.1	3	0.02%	59	0.34%	56	0.44%	50	0.35%	168	
21	connective tissue growth factor (CTGF)	U14750	6	0.04%	78	0.45%	44	0.35%	31	0.22%	159	
22	tumor protein translationally-controlled 1 (TPT1)	NM_003295.1	45	0.34%	50	0.29%	26	0.21%	37	0.26%	158	
23	putative p150	AAC51271.1	4	0.03%	99	0.58%	20	0.16%	22	0.15%	145	
24	osteoblast specific factor 2 (OSF-2os)	D13666.1	15	0.11%	0	0.00%	1	0.01%	123	0.86%	139	
25	collagen type I alpha 1 (COL1A1)	X06269	90	0.67%	22	0.13%	0	0.00%	16	0.11%	128	
26	Ribosomal protein S20 (RPS20)	NM_001023.1	42	0.31%	17	0.10%	23	0.18%	42	0.30%	124	
27	ribosomal protein L9	U09953	47	0.35%	30	0.17%	12	0.09%	30	0.21%	119	
28	ribosomal protein L34 (RPL34)	NM_000995.1	23	0.17%	27	0.16%	22	0.17%	36	0.25%	108	
29	calmodulin 1 (phosphorylase kinase, delta) (CAL	NM_006888.1	7	0.05%	23	0.13%	31	0.25%	46	0.32%	107	
30	ribosomal RNA 18S	X03205	12	0.09%	47	0.27%	24	0.19%	20	0.14%	103	
31	ribosomal protein L41	AF026844.1	22	0.16%	47	0.27%	14	0.11%	20	0.14%	103	
32	serine protease=HTRA serine protease (PRSS1	Y07921	5	0.04%	7	0.04%	32	0.25%	57	0.40%	101	
33	ribosomal protein S3a	M77234	22	0.16%	31	0.18%	18	0.14%	28	0.20%	99	
34	ribosomal protein, large, P0 (RPLP0)	NM_001002.1	56	0.42%	23	0.13%	6	0.05%	11	0.08%	96	
35	metallothionein 1L (MT1L)	NM_002450.1	2	0.01%	85	0.50%	5	0.04%	1	0.01%	93	
36	ribosomal protein S8 (RPS8)	NM_001012.1	42	0.31%	35	0.20%	3	0.02%	12	0.08%	92	
37	ribosomal protein S6	M20020	27	0.20%	35	0.20%	13	0.10%	17	0.12%	92	
38	ribosomal protein L21	U14967.1	17	0.13%	34	0.20%	14	0.11%	26	0.18%	91	
39	transmembrane protein BRI	AF246221.1	4	0.03%	16	0.09%	37	0.29%	33	0.23%	90	
40	ribosomal protein L13a (RPL13A)	NM_012423.1	64	0.48%	17	0.10%	4	0.03%	4	0.03%	89	
41	ribosomal protein L37a	L22154	56	0.42%	12	0.07%	8	0.06%	11	0.08%	87	
42	ribosomal protein S11 (RPS11)	NM_001015.1	38	0.28%	19	0.11%	11	0.09%	19	0.13%	87	
43	cytochrome c oxidase subunit VIc (COX6C)	NM_004374.1	3	0.02%	16	0.09%	22	0.17%	44	0.31%	85	
44	RIBOSOMAL PROTEIN L10 (QM PROTEIN) (T	spP27635	53	0.40%	13	0.08%	6	0.05%	13	0.09%	85	
45	ribosomal protein L31	NM_000993.1	15	0.11%	31	0.18%	13	0.10%	25	0.18%	84	
46	annexin A2 (ANXA2)(lipocortin II)	NM_004039.1	14	0.10%	28	0.16%	7	0.06%	34	0.24%	83	
47	translationally controlled tumor protein (TCTP)	X16064	23	0.17%	14	0.08%	17	0.13%	28	0.20%	82	
48	RIBOSOMAL PROTEIN L17	spP18621	31	0.23%	12	0.07%	10	0.08%	27	0.19%	80	
49	ribosomal protein S25 (RPS25)	NM_001028.1	17	0.13%	13	0.08%	17	0.13%	32	0.23%	79	
50	collagen type XI alpha 1 (COL11A1)	NM_001854.1	46	0.34%	18	0.10%	7	0.06%	8	0.06%	79	
51	fibromodulin (FMOD)	NM_002023.2	8	0.06%	41	0.24%	19	0.15%	11	0.08%	79	
52	collagen type IX alpha 1 (COL9A1)(ORF)	NM_001851.1	74	0.55%	4	0.02%	0	0.00%	0	0.00%	78	
53	thioredoxin (TXN)	J04026	4	0.03%	13	0.08%	22	0.17%	36	0.25%	75	
54	ribosomal protein L37	L11567	34	0.25%	19	0.11%	6	0.05%	16	0.11%	75	

Figure 6 - Unique Known Genes Identified In Four cDNA Cartilage Libraries and EST Frequency Analysis - Page 2 of 102

55	ribosomal protein S4, X-linked (RPS4X)	NM_001007.1	33	0.25%	18	0.10%	12	0.09%	8	0.06%	71
56	NADH dehydrogenase (ubiquinone) 1 alpha sub	NM_002489.1	5	0.04%	4	0.02%	14	0.11%	46	0.32%	69
57	ribosomal protein L3 (RPL3)	NM_000967.1	42	0.31%	10	0.06%	7	0.06%	10	0.07%	69
58	LINE-1 REVERSE TRANSCRIPTASE HOMOLC	spP08547	1	0.01%	46	0.27%	14	0.11%	7	0.05%	68
59	ribosomal protein L6	X69391	24	0.18%	17	0.10%	11	0.09%	14	0.10%	66
60	ribosomal protein L32 (RPL32)	NM_000994.1	38	0.28%	16	0.09%	6	0.05%	6	0.04%	66
61	ribosomal protein L27 (RPL27)	NM_000988.1	27	0.20%	12	0.07%	7	0.06%	19	0.13%	65
62	reverse transCRiptase	D84391	1	0.01%	45	0.26%	12	0.09%	6	0.04%	64
63	asporin (ASPN) (LRR class 1)	NM_017680.1	0	0.00%	4	0.02%	24	0.19%	35	0.25%	63
64	ribosomal protein L13	AF112214	33	0.25%	10	0.06%	6	0.05%	12	0.08%	61
65	Ribosomal protein L4	NM_000968.1	18	0.13%	27	0.16%	4	0.03%	12	0.08%	61
66	ribosomal protein S29	L31610.1	18	0.13%	16	0.09%	8	0.06%	17	0.12%	59
67	ribosomal protein L7a (surf 3) large subunit	M36072	25	0.19%	15	0.09%	8	0.06%	10	0.07%	58
68	transforming growth factor beta-induced, 68kD (	NM_000358.1	3	0.02%	5	0.03%	3	0.02%	47	0.33%	58
69	ribosomal protein L30	L05095.1	24	0.18%	14	0.08%	6	0.05%	13	0.09%	57
70	ribosomal protein S12	X53505	35	0.26%	13	0.08%	3	0.02%	6	0.04%	57
71	ribosomal protein L23	NM_000978.1	18	0.13%	27	0.16%	1	0.01%	9	0.06%	55
72	ribosomal protein S13	NM_001017.1	17	0.13%	9	0.05%	8	0.06%	21	0.15%	55
73	hexabrachion (tenascin C, cytotactin) (HXB)	NM_002160.1	4	0.03%	7	0.04%	7	0.06%	37	0.26%	55
74	ribosomal protein S24	M31520	23	0.17%	8	0.05%	10	0.08%	13	0.09%	54
75	cartilage link protein (CRTL1)	U43328.1	20	0.15%	2	0.01%	31	0.25%	1	0.01%	54
76	actin, beta (ACTB)	NM_001101.2	21	0.16%	25	0.15%	4	0.03%	3	0.02%	53
77	Ribosomal protein L36 (=RPL44)	AF077043.1	20	0.15%	11	0.06%	10	0.08%	12	0.08%	53
78	ribosomal protein S17	M13932	28	0.21%	12	0.07%	5	0.04%	7	0.05%	52
79	cytokine-like protein C17	NM_018659.1	0	0.00%	42	0.24%	9	0.07%	0	0.00%	51
80	PRO2003	AF116679.1	14	0.10%	24	0.14%	2	0.02%	11	0.08%	51
81	prothymosin alpha	M14630	18	0.13%	9	0.05%	9	0.07%	15	0.11%	51
82	tumor rejection antigen (gp96) 1 (TRA1)	X15187	10	0.07%	7	0.04%	19	0.15%	15	0.11%	51
83	actin, gamma 1 (ACTG1)	NM_001614.1	31	0.23%	10	0.06%	3	0.02%	7	0.05%	51
84	ferritin heavy chain	L20941.1	4	0.03%	6	0.03%	7	0.06%	33	0.23%	50
85	PRO2853	AF119905.1	0	0.00%	35	0.20%	10	0.08%	5	0.04%	50
86	ribosomal protein L5	U76609	23	0.17%	8	0.05%	10	0.08%	7	0.05%	48
87	ribosomal protein L26	X69392	18	0.13%	6	0.03%	11	0.09%	13	0.09%	48
88	ribosomal protein, large, P1 (RPLP1)	NM_001003.1	40	0.30%	1	0.01%	3	0.02%	4	0.03%	48
89	ribosomal protein L11	L05092.1	25	0.19%	0	0.00%	16	0.13%	7	0.05%	48
90	guanine nucleotide binding protein (G protein), b	NM_006098.1	21	0.16%	20	0.12%	4	0.03%	3	0.02%	48
91	vitamin A responsive cytoskeleton related (JWA)	NM_006407.2	0	0.00%	11	0.06%	18	0.14%	18	0.13%	47
92	HSPC312 (ORF) = AF161428.1 (=HSPC310)	AF161430	0	0.00%	29	0.17%	10	0.08%	8	0.06%	47
93	H factor 1 (complement) (HF1)	NM_000186.1	1	0.01%	19	0.11%	17	0.13%	10	0.07%	47
94	mimcan (OGN) (OIF)	AF202167.1	1	0.01%	1	0.01%	19	0.15%	24	0.17%	45
95	S100 calcium-binding protein A4 (calcium protei	gi4506764	1	0.01%	18	0.10%	11	0.09%	14	0.10%	44
96	annexin I (lipocortin I) (ANX1) =X05908 (ORF)	NM_000700.1	0	0.00%	9	0.05%	11	0.09%	24	0.17%	44
97	glyceraldehyde 3-phosphate dehydrogenase (G	J02642	41	0.31%	2	0.01%	1	0.01%	0	0.00%	44
98	ribosomal protein L27A	AB020236.1	34	0.25%	7	0.04%	1	0.01%	2	0.01%	44
99	HSPC310 (=HSPC312)	AF161428.1	0	0.00%	29	0.17%	8	0.06%	7	0.05%	44
100	calmodulin 2 (phosphorylase kinase, delta) (CA	NM_001743.1	0	0.00%	7	0.04%	25	0.20%	11	0.08%	43
101	ribosomal protein L39	D79205	15	0.11%	11	0.06%	4	0.03%	13	0.09%	43
102	nascent-polypeptide-associated complex alpha	NM_005594.1	6	0.04%	6	0.03%	13	0.10%	18	0.13%	43
103	ribosomal protein L44 (RPL44)	NM_001001.1	14	0.10%	5	0.03%	10	0.08%	13	0.09%	42
104	ubiquitin A-52 residue ribosomal protein fusion p	gi4507760	7	0.05%	32	0.19%	1	0.01%	2	0.01%	42
105	cartilage matrix protein (CMP) gene	M55682.1	42	0.31%	0	0.00%	0	0.00%	0	0.00%	42
106	TSC-22 protein	U35048	8	0.06%	14	0.08%	12	0.09%	8	0.06%	42
107	mitochondrial genes for several tRNAs (Phe, Val	V00710.1	0	0.00%	41	0.24%	1	0.01%	0	0.00%	42
108	ribosomal protein S19	M81757.1	39	0.29%	0	0.00%	0	0.00%	2	0.01%	41
109	ribosomal protein S28, yeast homologue	D14530	38	0.28%	1	0.01%	0	0.00%	2	0.01%	41
110	deleted in split hand/split foot 1 (DSS1)	U41515	0	0.00%	8	0.05%	11	0.09%	22	0.15%	41
111	ribosomal protein L35a	NM_000996.1	14	0.10%	10	0.06%	3	0.02%	14	0.10%	41

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112	cytochrome c oxidase subunit VIIb	Z14244	4	0.03%	5	0.03%	12	0.09%	20	0.14%	41
113	hH3.3B gene for histone H3.3	Z48950.1	10	0.07%	12	0.07%	6	0.05%	13	0.09%	41
114	RIBOSOMAL PROTEIN L10A (CSA-19)(RPL10)	P53025	18	0.13%	10	0.06%	7	0.06%	5	0.04%	40
115	ribosomal protein S15a	X84407	23	0.17%	9	0.05%	2	0.02%	6	0.04%	40
116	ribosomal protein L15	NM_002948.1	26	0.19%	6	0.03%	4	0.03%	4	0.03%	40
117	eukaryotic translation initiation factor 3 (EIF3S6)	NM_001568.1	13	0.10%	10	0.06%	8	0.06%	9	0.06%	40
118	ribosomal protein L23a	U43701	11	0.08%	2	0.01%	13	0.10%	12	0.08%	38
119	KIAA0005	D13630	0	0.00%	6	0.03%	19	0.15%	13	0.09%	38
120	collagen type XI alpha2 (COL11A2)	U41068.1	34	0.25%	4	0.02%	0	0.00%	0	0.00%	38
121	transcription elongation factor B (SIII), polypeptide	NM_003197.2	1	0.01%	20	0.12%	7	0.06%	10	0.07%	38
122	lysosome-associated protein, transmembrane - 4	U34259.1	6	0.04%	7	0.04%	10	0.08%	15	0.11%	38
123	SUI1 isolog	AF083441.1	8	0.06%	20	0.12%	6	0.05%	4	0.03%	38
124	small nuclear ribonucleoprotein polypeptide G (S	X85373	1	0.01%	0	0.00%	7	0.06%	29	0.20%	37
125	1-phosphatidylinositol-4-phosphate 5-kinase	S78798.1	37	0.28%	0	0.00%	0	0.00%	0	0.00%	37
126	ribosomal protein L38	Z26876	8	0.06%	8	0.05%	7	0.06%	14	0.10%	37
127	cartilage intermediate layer protein, CILP	AB022430.1	1	0.01%	5	0.03%	17	0.13%	14	0.10%	37
128	collagen type VI alpha 3 (COL6A3)	NM_004369.1	5	0.04%	4	0.02%	5	0.04%	22	0.15%	36
129	ribosomal protein S18	X69150.1	33	0.25%	1	0.01%	1	0.01%	1	0.01%	36
130	F1-ATPase epsilon-subunit (ATP5E)	AF052955.1	3	0.02%	8	0.05%	7	0.06%	15	0.11%	33
131	NADH dehydrogenase	X81900	2	0.01%	20	0.12%	3	0.02%	8	0.06%	33
132	ribosomal protein L12	L06505	12	0.09%	8	0.05%	3	0.02%	10	0.07%	33
133	ribosomal protein S5 (RPS5)	NM_001009.1	29	0.22%	2	0.01%	1	0.01%	1	0.01%	33
134	cytoskeletal gamma-actin	X04098	19	0.14%	9	0.05%	3	0.02%	2	0.01%	33
135	androgen receptor associated protein 24 (ARA2)	AF052578	8	0.06%	1	0.01%	7	0.06%	17	0.12%	33
136	collagen type IX alpha 3 (COL9A3)	AF026802.1	26	0.19%	6	0.03%	0	0.00%	0	0.00%	32
137	cytochrome c oxidase, liver specific (EC 1.9.3.1)	X15822	4	0.03%	3	0.02%	10	0.08%	15	0.11%	32
138	tubulin beta	AF070561	19	0.14%	5	0.03%	6	0.05%	2	0.01%	32
139	myosin regulatory light chain	X54304	6	0.04%	5	0.03%	4	0.03%	16	0.11%	31
140	ribosomal protein L19	X63527	16	0.12%	3	0.02%	3	0.02%	9	0.06%	31
141	ribosomal protein S3 (RPS3)	NM_001005.1	21	0.16%	2	0.01%	5	0.04%	3	0.02%	31
142	clusterin (CLU) SP40,40 (=M63379 TRPM-2 pro	NM_001831.1	1	0.01%	14	0.08%	7	0.06%	9	0.06%	31
143	ribosomal protein L18 (RPL18)	NM_000979.1	28	0.21%	1	0.01%	0	0.00%	2	0.01%	31
144	nephropontin (=X13694.1 osteopontin)	M83248.1	0	0.00%	9	0.05%	0	0.00%	22	0.15%	31
145	ribonuclease, RNase A family, 1(pancreatic) (Re	NP_002924.1	1	0.01%	28	0.16%	0	0.00%	2	0.01%	31
146	Tubulin alpha isoform 1	AF081484	16	0.12%	3	0.02%	2	0.02%	9	0.06%	30
147	ribosomal protein S23 (RPS23) =D14530 (ORF)	NM_001025.1	8	0.06%	13	0.08%	3	0.02%	6	0.04%	30
148	T-cell cyclophilin	Y00052	18	0.13%	4	0.02%	2	0.02%	6	0.04%	30
149	ribosomal protein L22 (RPL22)	NM_000983.1	6	0.04%	14	0.08%	3	0.02%	7	0.05%	30
150	ribosomal protein L35	U12465	27	0.20%	2	0.01%	0	0.00%	1	0.01%	30
151	ribonuclease, RNase A	NM_002937.1	1	0.01%	27	0.16%	0	0.00%	2	0.01%	30
152	collagen lysyl hydroxylase isoform 2 (PLOD2)	U84573	2	0.01%	7	0.04%	8	0.06%	13	0.09%	30
153	heterogeneous nuclear ribonucleoprotein A1 (HN	NM_002136.1	14	0.10%	8	0.05%	3	0.02%	4	0.03%	29
154	ATP synthase, H transporting, mitochondrial F0	NP_009031.1	0	0.00%	16	0.09%	4	0.03%	9	0.06%	29
155	eukaryotic translation initiation factor 4 gamma,	NM_001418.1	3	0.02%	5	0.03%	4	0.03%	17	0.12%	29
156	integrin-binding sialoprotein (bone sialoprotein, b	NM_004967.1	0	0.00%	29	0.17%	0	0.00%	0	0.00%	29
157	mitochondrial ATPase coupling factor 6 subunit	M37104	0	0.00%	1	0.01%	6	0.05%	22	0.15%	29
158	heparan sulfate proteoglycan (HSPG) (OC15)	J04621.1	9	0.07%	4	0.02%	4	0.03%	12	0.08%	29
159	ribosomal protein S21 (RPS21)	L04483	21	0.16%	3	0.02%	1	0.01%	4	0.03%	29
160	nucleolar phosphoprotein B23 (NPM1)	M28699	4	0.03%	14	0.08%	4	0.03%	7	0.05%	29
161	cartilage-derived C-type lectin (CLECSF1)	AF077345	0	0.00%	18	0.10%	4	0.03%	7	0.05%	29
162	ribosomal protein L8	Z28407	24	0.18%	0	0.00%	3	0.02%	1	0.01%	28
163	spermidine/spermine N1-acetyltransferase	Z14136	1	0.01%	7	0.04%	10	0.08%	10	0.07%	28
164	Sec61 gamma	AF054184	3	0.02%	5	0.03%	3	0.02%	17	0.12%	28
165	MEN1 region clone epsilon/beta	AF001893.1	0	0.00%	16	0.09%	8	0.06%	4	0.03%	28
166	polyubiquitin	E12605	13	0.10%	8	0.05%	2	0.02%	5	0.04%	28
167	ribosomal protein S7	M77233	8	0.06%	7	0.04%	2	0.02%	11	0.08%	28
168	caveolin 1 (CAV1)	AF125348.1	0	0.00%	6	0.03%	11	0.09%	11	0.08%	28



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169	ribosomal protein L18a	L05093.1	27	0.20%	1	0.01%	0	0.00%	0	0.00%	28
170	HSPC036 protein (=AF077200.1 HSPC014)	AF125097.1	2	0.01%	0	0.00%	8	0.06%	18	0.13%	28
171	lectin, galactoside-binding, soluble, 1 (galectin 1)	NM_002305.2	22	0.16%	4	0.02%	2	0.02%	0	0.00%	28
172	hemoglobin, gamma G (HBG2) (=PRO2898)	NM_000184.1	27	0.20%	0	0.00%	0	0.00%	0	0.00%	27
173	ribosomal protein L24 (RPL24) (=ribosomal protein L24)	NM_000986.1	8	0.06%	12	0.07%	1	0.01%	6	0.04%	27
174	high mobility group-1 protein (HMG-1)	X12597	4	0.03%	1	0.01%	12	0.09%	10	0.07%	27
175	integrin beta 1 subunit	X07979.1	1	0.01%	4	0.02%	6	0.05%	16	0.11%	27
176	hemoglobin, gamma A (HBG1)	NM_000559.1	27	0.20%	0	0.00%	0	0.00%	0	0.00%	27
177	ribosomal protein S9	U14971	27	0.20%	0	0.00%	0	0.00%	0	0.00%	27
178	lysosomal membrane glycoprotein CD63 (=M59)	M58485	7	0.05%	12	0.07%	3	0.02%	4	0.03%	26
179	RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PRO)	spP15880	24	0.18%	1	0.01%	1	0.01%	0	0.00%	26
180	matrilin-3 (MATR3)	Y13341	7	0.05%	7	0.04%	3	0.02%	9	0.06%	26
181	chitinase (HUMTCHIT)	U58515	0	0.00%	1	0.01%	0	0.00%	25	0.18%	26
182	CGI-134 protein (LOC51023)	NM_016067.1	0	0.00%	4	0.02%	4	0.03%	18	0.13%	26
183	ribosomal protein S10	NM_001014.1	22	0.16%	1	0.01%	0	0.00%	3	0.02%	26
184	tissue inhibitor of metalloproteinase 3 (Sorsby fu	NM_000362.1	2	0.01%	3	0.02%	15	0.12%	6	0.04%	26
185	H19 (=PRO2605)	M32053	25	0.19%	1	0.01%	0	0.00%	0	0.00%	26
186	histone H3.3	Z48950	3	0.02%	12	0.07%	4	0.03%	7	0.05%	26
187	ferritin L chain	M11147	9	0.07%	12	0.07%	1	0.01%	3	0.02%	25
188	signal recognition particle 14kD (homologous A	NM_003134.1	3	0.02%	15	0.09%	6	0.05%	1	0.01%	25
189	fatty acid binding protein (adipocyte lipid-binding	NM_001442.1	4	0.03%	2	0.01%	18	0.14%	1	0.01%	25
190	ribosomal protein, large P2 (RPLP2)	NM_001004.1	14	0.10%	7	0.04%	2	0.02%	2	0.01%	25
191	CD63 antigen (melanoma 1 antigen) (CD63)	NM_001780.1	7	0.05%	12	0.07%	4	0.03%	2	0.01%	25
192	defender against cell death 1 (DAD1)	NM_001344.1	3	0.02%	9	0.05%	5	0.04%	8	0.06%	25
193	cytochrome b (ORF)	U09500	5	0.04%	8	0.05%	5	0.04%	7	0.05%	25
194	metallothionein-II (mt-II)	J00271	0	0.00%	23	0.13%	1	0.01%	1	0.01%	25
195	RNA polymerase II elongation factor-like protein	Z47087	8	0.06%	2	0.01%	5	0.04%	10	0.07%	25
196	insulin-like growth factor II (IGF-2)	X07868	24	0.18%	0	0.00%	0	0.00%	0	0.00%	24
197	CD9 antigen (p24/CD9)	L08125	3	0.02%	2	0.01%	10	0.08%	9	0.06%	24
198	lactate dehydrogenase A (LDHA)	NM_005566.1	4	0.03%	4	0.02%	5	0.04%	11	0.08%	24
199	poly(A)-binding protein (PABP)	U68105	6	0.04%	8	0.05%	1	0.01%	9	0.06%	24
200	mitochondrial ubiquinone-binding protein	M26700	4	0.03%	3	0.02%	10	0.08%	7	0.05%	24
201	ATP synthase, H transporting, mitochondrial F0	Hs.107476	4	0.03%	9	0.05%	4	0.03%	7	0.05%	24
202	MORF-related gene X (KIAA0026) (=MRG15)	NM_012286.1	2	0.01%	11	0.06%	4	0.03%	7	0.05%	24
203	brain-expressed HHCPA78 homologue (VDUP1	S73591	2	0.01%	17	0.10%	0	0.00%	5	0.04%	24
204	PRO1574 (mitochondrial proteolipid 68MP hom	AF116639.1	2	0.01%	11	0.06%	5	0.04%	6	0.04%	24
205	heat shock 10kD protein 1 (chaperonin 10) (HSP	NM_002157.1	1	0.01%	13	0.08%	5	0.04%	4	0.03%	23
206	complement factor H (=M17517)	Y00716	2	0.01%	2	0.01%	15	0.12%	4	0.03%	23
207	osteomodulin (OMD)	AB000114	0	0.00%	6	0.03%	6	0.05%	11	0.08%	23
208	epithelial membrane protein 1 (EMP1)	NM_001423.1	1	0.01%	7	0.04%	6	0.05%	9	0.06%	23
209	Tigger1 transposable element	U49973.1	5	0.04%	8	0.05%	7	0.06%	3	0.02%	23
210	cysteine dioxygenase	D85777	0	0.00%	1	0.01%	10	0.08%	12	0.08%	23
211	dynein light chain 1 (hdlc1), cytoplasmic	U32944	5	0.04%	3	0.02%	4	0.03%	11	0.08%	23
212	calcyclin (=M14300 growth factor-inducible 2A9	J02763	10	0.07%	1	0.01%	4	0.03%	8	0.06%	23
213	ATP synthase, H transporting, mitochondrial F1	NM_006476.1	7	0.05%	1	0.01%	7	0.06%	7	0.05%	22
214	ribosomal protein L29 (RPL29)	NM_000992.1	21	0.16%	1	0.01%	0	0.00%	0	0.00%	22
215	FK506 binding protein (Fkbp63)	AF090334	8	0.06%	6	0.03%	2	0.02%	6	0.04%	22
216	COX17 (yeast) homolog, cytochrome c oxidase	NM_005694.1	0	0.00%	5	0.03%	8	0.06%	9	0.06%	22
217	ribosomal protein S14 (RPS14)	NM_005617.1	21	0.16%	0	0.00%	0	0.00%	1	0.01%	22
218	ribosomal protein S16	M60854	14	0.10%	2	0.01%	1	0.01%	5	0.04%	22
219	solute carrier family 25 (mitochondrial carrier; ph	NM_005888.1	6	0.04%	4	0.02%	4	0.03%	8	0.06%	22
220	aggrecan (chondroitin sulfate proteoglycan 1, lar	U13613	14	0.10%	1	0.01%	4	0.03%	3	0.02%	22
221	BIP protein	X87949	5	0.04%	2	0.01%	6	0.05%	9	0.06%	22
222	78 kD glucose-regulated protein (GRP78) gene	M19645.1	4	0.03%	2	0.01%	6	0.05%	10	0.07%	22
223	hemoglobin beta chain (HBB)	AF117710	0	0.00%	4	0.02%	16	0.13%	1	0.01%	21
224	cytochrome c oxidase subunit I	D38112	0	0.00%	20	0.12%	1	0.01%	0	0.00%	21
225	tyrosine 3-monooxygenase/tryptophan 5-monoo	NM_003404.1	4	0.03%	4	0.02%	4	0.03%	9	0.06%	21

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226	selenoprotein P (SEPP1)	Z11793	1	0.01%	10	0.06%	5	0.04%	5	0.04%	21
227	elongation factor 2	X51466	16	0.12%	1	0.01%	0	0.00%	4	0.03%	21
228	ribosomal protein L14	D87735	12	0.09%	4	0.02%	2	0.02%	3	0.02%	21
229	endozepine (putative ligand of benzodiazepine r	M15887.1	2	0.01%	1	0.01%	6	0.05%	12	0.08%	21
230	annexin A5 (ANXA5)(lipocortin-V)	NM_001154.2	9	0.07%	4	0.02%	1	0.01%	7	0.05%	21
231	carboxypeptidase E (CPE)	NM_001873.1	6	0.04%	8	0.05%	7	0.06%	0	0.00%	21
232	collagen type IX alpha 2 (COL9A2)	M95610	21	0.16%	0	0.00%	0	0.00%	0	0.00%	21
233	myosin, light polypeptide, regulatory, non-sarcor	Hs.233936	2	0.01%	7	0.04%	4	0.03%	8	0.06%	21
234	SPARC-like 1 (mast9, hev1n) (SPARCL1)	NM_004684.1	2	0.01%	2	0.01%	16	0.13%	0	0.00%	20
235	Cyr61 protein (CYR61)	AF031385	6	0.04%	7	0.04%	3	0.02%	4	0.03%	20
236	fibrillin (FBN1)	X63556	4	0.03%	2	0.01%	3	0.02%	11	0.08%	20
237	trophoblast STAT utron	AF080092.1	0	0.00%	13	0.08%	4	0.03%	3	0.02%	20
238	prefoldin 5 (PFDN5) (=D89667 c-myc binding pr	NP_002615.1	3	0.02%	2	0.01%	4	0.03%	10	0.07%	19
239	cytochrome c oxidase subunit VIIc (COX7C)	NM_001867.1	2	0.01%	3	0.02%	7	0.06%	7	0.05%	19
240	ring-box 1 (RBX1)	NM_014248.1	1	0.01%	5	0.03%	2	0.02%	11	0.08%	19
241	epididymal seCRetory protein (19.5kD) (HE1)	gi5453677	0	0.00%	6	0.03%	6	0.05%	7	0.05%	19
242	SRy (sex-determining region Y)-box 9 (campom	NM_000346.1	4	0.03%	13	0.08%	0	0.00%	2	0.01%	19
243	H4 histone family, member G (H4FG)	NM_003542.2	0	0.00%	2	0.01%	3	0.02%	14	0.10%	19
244	apolipoprotein D (APOD)	J02611	0	0.00%	17	0.10%	2	0.02%	0	0.00%	19
245	cathepsin K (pynodysostosis)(CTSK)	NM_000396.1	5	0.04%	5	0.03%	3	0.02%	6	0.04%	19
246	peptidylglycine alpha-amidating monooxygenase	M37721	2	0.01%	5	0.03%	7	0.06%	5	0.04%	19
247	zinc finger protein 216 (ZNF216)	AF062072.1	3	0.02%	10	0.06%	4	0.03%	2	0.01%	19
248	heterogeneous nuclear ribonucleoprotein D-like	NM_005463.1	4	0.03%	4	0.02%	5	0.04%	6	0.04%	19
249	chondromodulin I precursor (CHM-I)	NM_007015.1	15	0.11%	4	0.02%	0	0.00%	0	0.00%	19
250	osteoclastogenesis inhibitory factor	AB008822	2	0.01%	0	0.00%	8	0.06%	9	0.06%	19
251	enolase 1 (alpha) (ENO1)	NM_001428.1	16	0.12%	0	0.00%	1	0.01%	2	0.01%	19
252	v-fos FBj murine osteosarcoma viral oncogene	NM_005252.2	12	0.09%	5	0.03%	1	0.01%	1	0.01%	19
253	palladin (KIAA0992)= CGI-151	NM_016081.1	3	0.02%	7	0.04%	2	0.02%	7	0.05%	19
254	heterogeneous nuclear ribonucleoprotein D (hnF	D55671	4	0.03%	4	0.02%	5	0.04%	6	0.04%	19
255	procollagen-lysine, 2-oxoglutarate 5-dioxygenas	Hs.41270	2	0.01%	7	0.04%	4	0.03%	6	0.04%	19
256	lysyl oxidase	U22384	6	0.04%	5	0.03%	0	0.00%	7	0.05%	18
257	gap junction protein, alpha 1, 43kD (connexin 43	NM_000165.2	1	0.01%	0	0.00%	1	0.01%	16	0.11%	18
258	procollagen C-endopeptidase enhancer 2 (PCOL	NM_013363.1	1	0.01%	12	0.07%	5	0.04%	0	0.00%	18
259	NADH dehydrogenase subunit 4L (RefSeq aa 26	gi5835396	0	0.00%	12	0.07%	1	0.01%	5	0.04%	18
260	ubiquinol-cytochrome c reductase complex (7.2	NP_037519.1	2	0.01%	4	0.02%	8	0.06%	4	0.03%	18
261	ATPase, H transporting, lysosomal (vacuolar pr	NM_003945.1	1	0.01%	9	0.05%	2	0.02%	6	0.04%	18
262	ATP synthase, H transporting, mitochondrial F1	NM_005174.1	5	0.04%	2	0.01%	4	0.03%	7	0.05%	18
263	muscleblind (Drosophila)-like (MBNL) (=KIAA04	NM_021038.1	1	0.01%	7	0.04%	3	0.02%	7	0.05%	18
264	calumein (Calu) (calumenin)	AF013759	8	0.06%	2	0.01%	2	0.02%	6	0.04%	18
265	ATP synthase, H transporting, mitochondrial F1	NM_004046.1	5	0.04%	2	0.01%	4	0.03%	7	0.05%	18
266	guanine nucleotide binding protein (G protein), a	NM_000516.2	7	0.05%	7	0.04%	1	0.01%	3	0.02%	18
267	vacuolar H-ATPase subunit	AF038954	1	0.01%	8	0.05%	2	0.02%	7	0.05%	18
268	ribosomal protein 40S S27 isoform (RefSeq aa 4	NP_057004.1	0	0.00%	3	0.02%	0	0.00%	15	0.11%	18
269	elongation factor 1 beta 2 (EEF1B2)	NM_001959.1	10	0.07%	2	0.01%	3	0.02%	2	0.01%	17
270	laminin receptor 1 (67kD, ribosomal protein SA)	NM_002295.1	12	0.09%	2	0.01%	2	0.02%	1	0.01%	17
271	B-cell translocation protein 1 (BTG1)	X61123	5	0.04%	5	0.03%	2	0.02%	5	0.04%	17
272	NADH dehydrogenase(ubiquinone) Fe-S protein	NM_004552.1	4	0.03%	8	0.05%	3	0.02%	2	0.01%	17
273	dolichyl-phosphate beta-glucosyltransferase (AL	AF102850.1	13	0.10%	1	0.01%	1	0.01%	2	0.01%	17
274	frizzled-related protein (FRZB)	NM_001463.1	3	0.02%	8	0.05%	2	0.02%	4	0.03%	17
275	pp21 homolog	AF125535.1	1	0.01%	0	0.00%	4	0.03%	12	0.08%	17
276	neuroendocrine-specific protein C like (foocen)	NM_007008.1	1	0.01%	3	0.02%	5	0.04%	8	0.06%	17
277	testis enhanced gene transCRipt protein (TEGT	AF033095	4	0.03%	6	0.03%	4	0.03%	3	0.02%	17
278	SOD-2 manganese superoxide dismutase	X65965	1	0.01%	7	0.04%	4	0.03%	5	0.04%	17
279	decay-accelerating factor	M31516	0	0.00%	4	0.02%	7	0.06%	6	0.04%	17
280	metallothionein-le (hMT-le)	M10942	0	0.00%	13	0.08%	2	0.02%	2	0.01%	17
281	platelet-derived growth factor receptor alpha (PD	M21574	4	0.03%	4	0.02%	5	0.04%	4	0.03%	17
282	miCRosomal signal peptidase	AF061737	3	0.02%	5	0.03%	4	0.03%	5	0.04%	17

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283	enhancer of rudimentary homologue	U66871	5	0.04%	4	0.02%	5	0.04%	3	0.02%	17
284	tomoregulin	AB004064.1	3	0.02%	2	0.01%	4	0.03%	8	0.06%	17
285	cell division cycle 10 (homologous to CDC10 of	NM_001788.1	4	0.03%	5	0.03%	2	0.02%	6	0.04%	17
286	cytochrome c oxidase subunit III (RefSeq aa 8e-4	5835394	0	0.00%	17	0.10%	0	0.00%	0	0.00%	17
287	t-complex-associated-testis-expressed 1-like 1 (	NM_006519.1	2	0.01%	12	0.07%	2	0.02%	1	0.01%	17
288	guanine nucleotide binding protein (G protein), a	BC008855.1	8	0.06%	7	0.04%	0	0.00%	2	0.01%	17
289	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide	NM_004396.1	2	0.01%	4	0.02%	6	0.05%	4	0.03%	16
290	calpactin 1 light chain	M81457	0	0.00%	0	0.00%	3	0.02%	13	0.09%	16
291	hairy (Drosophila)-homolog (HRY)	NM_005524.2	0	0.00%	11	0.06%	3	0.02%	2	0.01%	16
292	rapa-2 (rapa gene)	AJ277276.1	16	0.12%	0	0.00%	0	0.00%	0	0.00%	16
293	deiodinase, iodothyronine, type II (DIO2), transC	gi7549802	0	0.00%	14	0.08%	1	0.01%	1	0.01%	16
294	ADP-ribosylation factor 4 (ARF4)	AF104238.1	0	0.00%	6	0.03%	3	0.02%	7	0.05%	16
295	KVLQT1 gene (=p150)	AJ006345.1	2	0.01%	7	0.04%	6	0.05%	1	0.01%	16
296	thrombospondin 2 (THBS2)	L12350	5	0.04%	2	0.01%	1	0.01%	8	0.06%	16
297	fatty acid binding protein 4, adipocyte (FABP4), i	Hs.83213	0	0.00%	0	0.00%	15	0.12%	1	0.01%	16
298	p40	AAC51266.1	0	0.00%	7	0.04%	3	0.02%	6	0.04%	16
299	TI-227H (=tomoregulin; mitochondrial)	D50525	2	0.01%	9	0.05%	1	0.01%	4	0.03%	16
300	cyclin I	D50310	4	0.03%	4	0.02%	3	0.02%	5	0.04%	16
301	S100 calcium-binding protein A10 (annexin II lig	NM_002966.1	0	0.00%	3	0.02%	3	0.02%	10	0.07%	16
302	ribosomal protein L28	U14969	16	0.12%	0	0.00%	0	0.00%	0	0.00%	16
303	glucocorticoid-induced GILZ	AF228339	3	0.02%	8	0.05%	1	0.01%	4	0.03%	16
304	collagen type V alpha 2 (COL5A2)	M11718	4	0.03%	1	0.01%	2	0.02%	8	0.06%	15
305	H3 histone, family 3A (H3F3A)	NM_002107.1	8	0.06%	3	0.02%	0	0.00%	4	0.03%	15
306	neural precursor cell expressed, developmental	NM_004404.1	6	0.04%	3	0.02%	3	0.02%	3	0.02%	15
307	heat shock factor binding protein 1 (HSBP1)	NM_001537.1	1	0.01%	2	0.01%	2	0.02%	10	0.07%	15
308	glypican 3 (GPC3) (chromosome X) (=L47176 G	L47125	15	0.11%	0	0.00%	0	0.00%	0	0.00%	15
309	translocation protein 1 (TLOC1)	NM_003262.1	3	0.02%	6	0.03%	6	0.05%	0	0.00%	15
310	thrombospondin 4 (THBS4)	NM_003248.1	4	0.03%	8	0.05%	3	0.02%	0	0.00%	15
311	6.2 kd protein	AJ011007	0	0.00%	14	0.08%	1	0.01%	0	0.00%	15
312	mannosidase, beta A, lysosomal (MANBA) gene	AF224669.1	3	0.02%	6	0.03%	1	0.01%	5	0.04%	15
313	ubiquitin-like 1 (sentrin) (UBL1) (=SUMO-1)	NM_003352.1	2	0.01%	3	0.02%	9	0.07%	1	0.01%	15
314	TGF-beta1R alpha	D50683	1	0.01%	4	0.02%	2	0.02%	8	0.06%	15
315	H2A histone family, member Z (H2AFZ) = D284	NM_002106.1	4	0.03%	10	0.06%	0	0.00%	1	0.01%	15
316	MAFB/Kreisler basic region/leucine zipper trans	AF134157.1	1	0.01%	1	0.01%	0	0.00%	13	0.09%	15
317	cig19 (=D31887.1 KIAA0062)	AF026940.1	1	0.01%	6	0.03%	2	0.02%	6	0.04%	15
318	UMP-CMP kinase	AF110643.1	0	0.00%	3	0.02%	5	0.04%	7	0.05%	15
319	cytochrome c oxidase subunit II gene (ORF)	AF004339	3	0.02%	10	0.06%	2	0.02%	0	0.00%	15
320	cytosolic selenium-dependent glutathione peroxi	M83094	2	0.01%	3	0.02%	7	0.06%	3	0.02%	15
321	collagen type XIV variant C-terminal NC1 and 3'	Y11711	6	0.04%	6	0.03%	2	0.02%	1	0.01%	15
322	phosphoglycerate mutase (PGAM-B)	J04173	6	0.04%	1	0.01%	1	0.01%	7	0.05%	15
323	phosphoglycerate kinase 1 (PGK1) (ORF)	NM_000291.1	3	0.02%	4	0.02%	2	0.02%	6	0.04%	15
324	reverse transcriptase related protein	prf1207289A	1	0.01%	11	0.06%	2	0.02%	1	0.01%	15
325	Heterogeneous nuclear ribonucleoprotein U (sca	NM_004501.1	3	0.02%	4	0.02%	5	0.04%	3	0.02%	15
326	collagen type XII alpha 1 (COL12A1)	U57362	10	0.07%	0	0.00%	2	0.02%	3	0.02%	15
327	small nuclear ribonucleoprotein D2 polypeptide	(NM_004597.3	2	0.01%	5	0.03%	2	0.02%	5	0.04%	14
328	Cu/Zn superoxide dismutase (SOD)	X02317	3	0.02%	1	0.01%	4	0.03%	6	0.04%	14
329	nuclease sensitive element binding protein 1 (N	NM_004559.1	4	0.03%	2	0.01%	2	0.02%	6	0.04%	14
330	phospholipase A2	M86400	0	0.00%	3	0.02%	5	0.04%	6	0.04%	14
331	glutamine synthetase	S70290	0	0.00%	11	0.06%	1	0.01%	2	0.01%	14
332	cathepsin B (CTSB)	L22569	3	0.02%	3	0.02%	2	0.02%	6	0.04%	14
333	thyroid receptor interactor (TRIP7)	L40357	3	0.02%	3	0.02%	4	0.03%	4	0.03%	14
334	alpha-2-macroglobulin	D83196	3	0.02%	4	0.02%	6	0.05%	1	0.01%	14
335	Tis11d gene	U07802	5	0.04%	6	0.03%	3	0.02%	0	0.00%	14
336	vacuolar sorting protein VPS29/PEP11 (LOC51	NM_016226.1	2	0.01%	2	0.01%	3	0.02%	7	0.05%	14
337	low molecular mass ubiquinone-binding protein	D50369	4	0.03%	3	0.02%	0	0.00%	7	0.05%	14
338	Ku autoimmune antigen gene	J04977.1	1	0.01%	1	0.01%	9	0.07%	3	0.02%	14
339	transforming growth factor beta-stimulated protei	NM_006022.1	5	0.04%	6	0.03%	3	0.02%	0	0.00%	14

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340	caldesmon	M64110	0	0.00%	0	0.00%	3	0.02%	11	0.08%	14
341	HSPC330 mRNA(=HSPC016)	AF161448.1	5	0.04%	4	0.02%	0	0.00%	5	0.04%	14
342	syndecan binding protein (syntenin) (SDCBP)(O	NM_005625.1	2	0.01%	5	0.03%	5	0.04%	2	0.01%	14
343	triosephosphate isomerase (TPI1)	M10036	8	0.06%	5	0.03%	1	0.01%	0	0.00%	14
344	transcription elongation factor B polypeptide 1-lik	NP_003188.1	0	0.00%	14	0.08%	0	0.00%	0	0.00%	14
345	heat shock 70kD protein 10 (HSC71) (HSPA10)	NM_006597.1	1	0.01%	7	0.04%	1	0.01%	4	0.03%	13
346	transmembrane protein (CD59)	M84349.1	1	0.01%	6	0.03%	0	0.00%	6	0.04%	13
347	chloride intracellular channel 4 like (CLIC4L)	NM_013943.1	1	0.01%	6	0.03%	3	0.02%	3	0.02%	13
348	phenylalkylamine binding protein gene	AF196969.1	3	0.02%	2	0.01%	7	0.06%	1	0.01%	13
349	collagenase type IV	J03210	10	0.07%	2	0.01%	0	0.00%	1	0.01%	13
350	calnexin (CANX) integral membrane protein, cal	M94859	0	0.00%	4	0.02%	2	0.02%	7	0.05%	13
351	actin binding protein ABP620	AB029290.1	3	0.02%	5	0.03%	1	0.01%	4	0.03%	13
352	peripheral myelin protein 22	M94048	5	0.04%	4	0.02%	3	0.02%	1	0.01%	13
353	syntaxin 4 binding protein UNC-18c (UNC-18c)	AF032922.1	10	0.07%	0	0.00%	1	0.01%	2	0.01%	13
354	CGI-110 protein	AF151868.1	1	0.01%	4	0.02%	2	0.02%	6	0.04%	13
355	HSPC163	AF161512	0	0.00%	2	0.01%	4	0.03%	7	0.05%	13
356	sin3 associated polypeptide (SAP18)	AF153608	3	0.02%	4	0.02%	4	0.03%	2	0.01%	13
357	TPT1 gene for translationally controlled tumor pr	AJ400717.1	2	0.01%	10	0.06%	0	0.00%	1	0.01%	13
358	ribosomal protein S15 (RPS15) (=insulinoma rig	NM_001018.1	11	0.08%	2	0.01%	0	0.00%	0	0.00%	13
359	ribosomal protein S26	NM_001029.1	6	0.04%	7	0.04%	0	0.00%	0	0.00%	13
360	pre-mRNA splicing factor (SFRS3)	AF107405.1	3	0.02%	3	0.02%	2	0.02%	5	0.04%	13
361	thrombospondin 1 (THBS1)	NM_003246.1	5	0.04%	2	0.01%	5	0.04%	1	0.01%	13
362	insulin-like growth factor binding protein 5 (IGFB	L27556.1	6	0.04%	5	0.03%	1	0.01%	1	0.01%	13
363	fibroblast activation protein, alpha; seprase (FAF	NM_004460.1	2	0.01%	6	0.03%	0	0.00%	5	0.04%	13
364	thymosin beta-10	S54005	9	0.07%	0	0.00%	2	0.02%	2	0.01%	13
365	HSPC005 (=C11orf10)	AF070661	0	0.00%	1	0.01%	1	0.01%	11	0.08%	13
366	Chaperonin (hsp60 gene)	AJ249625.1	13	0.10%	0	0.00%	0	0.00%	0	0.00%	13
367	HS1 protein (=YWHAQ)	X57347	1	0.01%	4	0.02%	2	0.02%	6	0.04%	13
368	electron transfer flavoprotein alpha-subunit	J04058.1	1	0.01%	12	0.07%	0	0.00%	0	0.00%	13
369	integrin, beta 1(fibronectin receptor, beta polype	NM_002211.1	0	0.00%	4	0.02%	3	0.02%	6	0.04%	13
370	Fritz mRNA, complete cds	U91903.1	2	0.01%	8	0.05%	3	0.02%	0	0.00%	13
371	heterogeneous nuclear ribonucleoprotein K (HNI	NM_002140.1	5	0.04%	0	0.00%	4	0.03%	3	0.02%	12
372	heat shock 90kD protein 1 beta (HSPCB)	NM_007355.1	6	0.04%	3	0.02%	3	0.02%	0	0.00%	12
373	insulin-like growth factor binding protein 7 (IGFB	4504618	0	0.00%	2	0.01%	5	0.04%	5	0.04%	12
374	hypoxia-inducible factor 1 alpha (HIF-1 alpha)	U22431	0	0.00%	2	0.01%	6	0.05%	4	0.03%	12
375	growth arrest-specific 1 (GAS1)	NM_002048.1	0	0.00%	2	0.01%	5	0.04%	5	0.04%	12
376	lactate dehydrogenase B (LDH-B)	Y00711	3	0.02%	6	0.03%	1	0.01%	2	0.01%	12
377	sterol carrier protein 2	S52450	0	0.00%	3	0.02%	6	0.05%	3	0.02%	12
378	mitochondrial proteolipid 68MP homolog (PLPM)	NM_004894.1	1	0.01%	3	0.02%	3	0.02%	5	0.04%	12
379	hepatitis B virus X interacting protein (XIP)	AF029890	1	0.01%	3	0.02%	3	0.02%	5	0.04%	12
380	nicotinamide N-methyltransferase (NNMT)	U08021	0	0.00%	8	0.05%	1	0.01%	3	0.02%	12
381	ATP synthase epsilon chain	AF077045.1	1	0.01%	0	0.00%	3	0.02%	8	0.06%	12
382	cytochrome c oxidase subunit VIIa (COX7A) mu	M83186	0	0.00%	1	0.01%	2	0.02%	9	0.06%	12
383	DEK oncogene (DNA binding) (DEK)	gi4503248	5	0.04%	1	0.01%	3	0.02%	3	0.02%	12
384	hypoxia-inducible gene 1 (HIG1) (=HSPC010)	AF145385.1	1	0.01%	0	0.00%	8	0.06%	3	0.02%	12
385	activated RNA polymerase (PC4)	NM_006713.1	1	0.01%	3	0.02%	3	0.02%	5	0.04%	12
386	breast carcinoma amplified sequence 2 (BCAS2	NM_005872.1	0	0.00%	0	0.00%	8	0.06%	4	0.03%	12
387	enhancer-of-split and hairy-related protein 1 (SH	AF009329.1	0	0.00%	10	0.06%	1	0.01%	1	0.01%	12
388	BCL2/adenovirus E1B 19kD-interacting protein 3	U15174	2	0.01%	3	0.02%	3	0.02%	4	0.03%	12
389	protein tyrosine phosphatase (hR-PTPu)	X58288	4	0.03%	3	0.02%	2	0.02%	3	0.02%	12
390	TRPM-2, cytosolic epoxide hydrolase, nicotinic a	AF311103.1	0	0.00%	11	0.06%	1	0.01%	0	0.00%	12
391	colon carcinoma laminin-binding protein (=RIBO	J03799.1	10	0.07%	0	0.00%	1	0.01%	1	0.01%	12
392	alpha E-catenin (CTNNA1) gene	AF102803.1	3	0.02%	3	0.02%	2	0.02%	4	0.03%	12
393	Clk-associated RS cyclophilin CARS-Cyp	U40763	0	0.00%	3	0.02%	5	0.04%	4	0.03%	12
394	suppression of tumorigenicity 13 (Hsp70-interact	NM_003932.1	2	0.01%	7	0.04%	0	0.00%	3	0.02%	12
395	cytochrome c oxidase subunit VIIa polypeptide 2	NM_004718.1	1	0.01%	4	0.02%	2	0.02%	5	0.04%	12
396	cyclin	M74091	4	0.03%	1	0.01%	1	0.01%	6	0.04%	12

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397	NADH dehydrogenase subunit 2 (ND2)	AF014897.2	2	0.01%	3	0.02%	1	0.01%	6	0.04%	12
398	ATP synthase, H transporting, mitochondrial (Re	NP_001676.1	0	0.00%	12	0.07%	0	0.00%	0	0.00%	12
399	nuclear protein SDK3 (=MEMA)	Y10351	6	0.04%	4	0.02%	0	0.00%	2	0.01%	12
400	15 kDa selenoprotein (SEP15)	AF051894	1	0.01%	2	0.01%	3	0.02%	6	0.04%	12
401	eukaryotic translation elongation factor 1 gamma	NM_001404.1	6	0.04%	3	0.02%	0	0.00%	2	0.01%	11
402	transmembrane protein (p63)	X69910	8	0.06%	1	0.01%	1	0.01%	1	0.01%	11
403	clathrin, heavy polypeptide-like 2 (CLTCL2) (=Kl	NM_004859.1	3	0.02%	0	0.00%	0	0.00%	8	0.06%	11
404	extracellular matrix protein	AB011792	0	0.00%	1	0.01%	5	0.04%	5	0.04%	11
405	mesoderm specific transcript (mouse) homolog	NM_002402.1	10	0.07%	1	0.01%	0	0.00%	0	0.00%	11
406	KIAA0728	AB018271.1	0	0.00%	1	0.01%	6	0.05%	4	0.03%	11
407	ADP/ATP translocase	J03592	5	0.04%	6	0.03%	0	0.00%	0	0.00%	11
408	UDP-glucose dehydrogenase (UGDH)	AF061016	2	0.01%	2	0.01%	4	0.03%	3	0.02%	11
409	protein phosphatase 2 (formerly 2A), catalytic su	NM_002715.1	4	0.03%	4	0.02%	1	0.01%	2	0.01%	11
410	protein C inhibitor [human, leukocytes, Genomic	S69366.1	1	0.01%	6	0.03%	1	0.01%	3	0.02%	11
411	ribophorin II (RPN2)	Y00282	7	0.05%	3	0.02%	0	0.00%	1	0.01%	11
412	ubiquitin-conjugating enzyme E2B (RAD6 homol	NM_003337.1	1	0.01%	6	0.03%	2	0.02%	2	0.01%	11
413	ERF-1	X79067.1	3	0.02%	2	0.01%	0	0.00%	6	0.04%	11
414	zinc finger transCRiption factor GKLF	AF105036.1	1	0.01%	4	0.02%	2	0.02%	4	0.03%	11
415	GABA(A) receptor-associated protein (GABARA	NM_007278.1	5	0.04%	3	0.02%	0	0.00%	3	0.02%	11
416	titin (TTN) gene	CAA49245.1	5	0.04%	1	0.01%	2	0.02%	3	0.02%	11
417	epidermal growth factor receptor kinase substrat	U12535	1	0.01%	2	0.01%	5	0.04%	3	0.02%	11
418	FRG1	L76159	1	0.01%	3	0.02%	2	0.02%	5	0.04%	11
419	E25B protein	U76253	10	0.07%	0	0.00%	1	0.01%	0	0.00%	11
420	transCRiption factor BTF 3	X74070	6	0.04%	1	0.01%	1	0.01%	3	0.02%	11
421	transmembrane glycoprotein (GPNMB)	X76534	0	0.00%	2	0.01%	4	0.03%	5	0.04%	11
422	profilin II	L10678.1	3	0.02%	3	0.02%	1	0.01%	4	0.03%	11
423	calreticulin (CALR)	M84739	7	0.05%	2	0.01%	0	0.00%	2	0.01%	11
424	ADP-ribosylation factor 1	M84326.1	7	0.05%	1	0.01%	3	0.02%	0	0.00%	11
425	16.7Kd protein	AF078845.1	3	0.02%	3	0.02%	2	0.02%	3	0.02%	11
426	KIAA1247	AB033073.1	0	0.00%	5	0.03%	2	0.02%	4	0.03%	11
427	peroxiredoxin 1 (PRDX1) (=NKEFA)	NM_002574.1	3	0.02%	6	0.03%	1	0.01%	1	0.01%	11
428	poly(A)-binding protein, cytoplasmic 1 (PABPC1	NM_002568.1	2	0.01%	3	0.02%	0	0.00%	6	0.04%	11
429	tyrosine 3-monooxygenase/tryptophan 5-monoo	NM_006826.1	3	0.02%	3	0.02%	1	0.01%	4	0.03%	11
430	myosin light chain 3 non-muscle (MLC3nm)	M31212	1	0.01%	1	0.01%	3	0.02%	5	0.04%	10
431	Lsm3 protein	AJ238095.1	0	0.00%	4	0.02%	2	0.02%	4	0.03%	10
432	CD164 antigen, sialomucin (CD164)	NM_006016.1	1	0.01%	3	0.02%	1	0.01%	5	0.04%	10
433	collagen type XVI collagen alpha 1 (COL16A1)	S57132.1	10	0.07%	0	0.00%	0	0.00%	0	0.00%	10
434	SET translocation (myeloid leukemia-associated	NM_003011.1	2	0.01%	2	0.01%	2	0.02%	4	0.03%	10
435	amyloid-beta protein (APP)	M33112.1	0	0.00%	3	0.02%	3	0.02%	4	0.03%	10
436	vesicle docking protein p115 (P115)	NM_003715.1	0	0.00%	2	0.01%	4	0.03%	4	0.03%	10
437	hereditary haemochromatosis region, histone 2A	U91328.1	0	0.00%	3	0.02%	3	0.02%	4	0.03%	10
438	cell cycle progression 8 protein (CPR8)(ORF)=A	NM_004748.1	0	0.00%	2	0.01%	2	0.02%	6	0.04%	10
439	KIAA0438	AB007898.1	1	0.01%	4	0.02%	2	0.02%	3	0.02%	10
440	actin, alpha, cardiac muscle	NP_005150.1	2	0.01%	8	0.05%	0	0.00%	0	0.00%	10
441	GAP-associated tyrosine phosphoprotein p62 (S	NM_006559.1	2	0.01%	4	0.02%	1	0.01%	3	0.02%	10
442	sphingolipid activator protein 1	J03015	4	0.03%	1	0.01%	1	0.01%	4	0.03%	10
443	transcription elongation factor A (SII), 1 (TCEA1	NM_006756.1	0	0.00%	1	0.01%	4	0.03%	5	0.04%	10
444	nuclear pore complex interacting protein (NPIP)	AF132984.1	1	0.01%	9	0.05%	0	0.00%	0	0.00%	10
445	ganglioside expression factor 2 (GEF-2)	NM_007285.1	1	0.01%	3	0.02%	1	0.01%	5	0.04%	10
446	Down syndrome candidate region 1 (DSCR1)	NM_004414.2	1	0.01%	2	0.01%	1	0.01%	6	0.04%	10
447	S164 (=AC004858 U1 small ribonucleoprotein 1	AF109907	1	0.01%	3	0.02%	3	0.02%	3	0.02%	10
448	proline-rich protein with nuclear targeting signal	NM_006813.1	0	0.00%	3	0.02%	5	0.04%	2	0.01%	10
449	PAPS synthetase-2 (PAPSS2)	AF074331.1	2	0.01%	3	0.02%	2	0.02%	3	0.02%	10
450	RIBOSOMAL PROTEIN SA (P40)	spP08865	8	0.06%	0	0.00%	1	0.01%	1	0.01%	10
451	ataxia telangiectasia (ATM) gene	U82828.1	0	0.00%	5	0.03%	2	0.02%	3	0.02%	10
452	ARP2/3 protein complex subunit p21 (ARC21=A	NM_005719.1	1	0.01%	1	0.01%	6	0.05%	2	0.01%	10
453	HSPC297 (=HSPC030)	AF161415.1	0	0.00%	1	0.01%	4	0.03%	5	0.04%	10

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454	NS1-binding protein (NS1-BP) (=AB020657 KIA/ AJ012449	1	0.01%	1	0.01%	6	0.05%	2	0.01%	10
455	dioxin-inducible cytochrome P450 (CYP1B1)	0	0.00%	6	0.03%	3	0.02%	1	0.01%	10
456	WSB-1 isoform	AF106684.1	3	0.02%	5	0.03%	1	0.01%	1	0.01%
457	protein disulfide isomerase-related protein (P5)=	NM_005742.1	2	0.01%	0	0.00%	5	0.04%	3	0.02%
458	membrane protein CH1 (CH1)	AB020980	3	0.02%	6	0.03%	1	0.01%	0	0.00%
459	sema domain immunoglobulin domain (Ig)(sema	NM_012431.1	1	0.01%	3	0.02%	4	0.03%	2	0.01%
460	heat shock J2 protein (HSJ2)	AF075601.1	2	0.01%	0	0.00%	4	0.03%	4	0.03%
461	T245 protein (T245) =TM4SF6=TM4-D	AF043906	1	0.01%	4	0.02%	0	0.00%	5	0.04%
462	inositol polyphosphate 1-phosphatase gene (INF	AF141324.1	1	0.01%	1	0.01%	2	0.02%	6	0.04%
463	RAN, member RAS oncogene family (RAN), mR	Hs.10842	2	0.01%	1	0.01%	0	0.00%	7	0.05%
464	HSPC016, mRNA /cds=(38,232) /gb=NM_01593	Hs.171774	4	0.03%	2	0.01%	0	0.00%	4	0.03%
465	JKTBP2, JKTBP1, complete cds	AB017018.1	2	0.01%	5	0.03%	2	0.02%	1	0.01%
466	ribosomal 18S, 58S, and 28S (=45S pre rRNA g	V01270.1	0	0.00%	9	0.05%	0	0.00%	0	0.00%
467	SEC24 (S. cerevisiae)related gene family, memt	NM_014822.1	0	0.00%	2	0.01%	3	0.02%	4	0.03%
468	annexin A4 (ANXA4)	NM_001153.2	0	0.00%	2	0.01%	3	0.02%	4	0.03%
469	arginine-rich nuclear protein	M74002	3	0.02%	0	0.00%	2	0.02%	4	0.03%
470	malate dehydrogenase 1, NAD (soluble) (MDH1)	NM_005917.1	0	0.00%	3	0.02%	3	0.02%	3	0.02%
471	collagen type VI alpha 1(COL6A1)	X15880	3	0.02%	2	0.01%	1	0.01%	3	0.02%
472	SMT3 (suppressor of mif two 3, yeast) homolog	NM_006937.1	1	0.01%	4	0.02%	2	0.02%	2	0.01%
473	cyclophilin B (hCyPB)	M60857	5	0.04%	3	0.02%	0	0.00%	1	0.01%
474	YAP65	X80507.1	3	0.02%	1	0.01%	4	0.03%	1	0.01%
475	uridine diphosphoglucose pyrophosphorylase	U27460	1	0.01%	1	0.01%	4	0.03%	3	0.02%
476	prolyl 4-hydroxylase gene	U14608.1	3	0.02%	1	0.01%	1	0.01%	4	0.03%
477	melanoma-associated antigen MC50	AF200348.1	7	0.05%	1	0.01%	1	0.01%	0	0.00%
478	kinectin 1 (kinesin receptor) (KTN1)(= KIAA0004	NM_004986.1	0	0.00%	2	0.01%	4	0.03%	3	0.02%
479	Dickkopf gene 3 (DKK-3)	NM_013253.1	0	0.00%	1	0.01%	0	0.00%	8	0.06%
480	AD-017 protein	AF157318.1	1	0.01%	4	0.02%	2	0.02%	2	0.01%
481	Fn54	AF001533.2	0	0.00%	0	0.00%	3	0.02%	6	0.04%
482	HSPC035 protein (LOC51669), NPD003	NM_016127.1	2	0.01%	2	0.01%	3	0.02%	2	0.01%
483	KIAA0164	D79986	1	0.01%	4	0.02%	2	0.02%	2	0.01%
484	KIAA0970	AB023187.1	0	0.00%	4	0.02%	3	0.02%	2	0.01%
485	KIAA1077	AB029000.1	3	0.02%	2	0.01%	2	0.02%	2	0.01%
486	prion protein (p27-30) (Creutzfeld-Jakob disease	NM_000311.1	1	0.01%	3	0.02%	1	0.01%	4	0.03%
487	trichorhinophalangeal syndrome I gene (TRPS1)	NM_014112.1	0	0.00%	5	0.03%	2	0.02%	2	0.01%
488	activating transCRiption factor 4 (tax-responsive	gi4502264	4	0.03%	5	0.03%	0	0.00%	0	0.00%
489	sox	AF070669	0	0.00%	6	0.03%	0	0.00%	3	0.02%
490	TATA box binding protein (TBP)-associated fact	NM_005642.1	2	0.01%	3	0.02%	2	0.02%	2	0.01%
491	allograft inflammatory factor 1 (AIF1)	NM_001623.2	1	0.01%	5	0.03%	0	0.00%	3	0.02%
492	heat shock protein 86 (HSP86)	M30626.1	1	0.01%	0	0.00%	3	0.02%	5	0.04%
493	t-complex-associated-testis-expressed 1-like (TC	NM_006520.1	0	0.00%	5	0.03%	1	0.01%	3	0.02%
494	matrilin-2 precursor	U69263	1	0.01%	2	0.01%	3	0.02%	3	0.02%
495	actin-related protein Arp3 (ARP3)(actin-related p	AF006083.1	2	0.01%	1	0.01%	2	0.02%	4	0.03%
496	bone sialoprotein (BNSP)	L10363.1	5	0.04%	4	0.02%	0	0.00%	0	0.00%
497	interleukin 1 receptor, type I (IL1R1) = M27492.1	NM_000877.1	1	0.01%	3	0.02%	1	0.01%	4	0.03%
498	serine/threonine protein kinase Kp78 splice varia	AF159295.1	1	0.01%	8	0.05%	0	0.00%	0	0.00%
499	latent transforming growth factor beta binding pr	NM_000627.1	2	0.01%	4	0.02%	2	0.02%	1	0.01%
500	MAGUK protein p55T (=AB002323 KIAA0325)	AF162130.1	2	0.01%	3	0.02%	3	0.02%	1	0.01%
501	NAP (nucleosome assembly protein)	M86667	0	0.00%	2	0.01%	1	0.01%	6	0.04%
502	fragile 16D oxido reductase (FOR)	AF217490.1	1	0.01%	5	0.03%	3	0.02%	0	0.00%
503	factor H homologue	M65294.1	0	0.00%	3	0.02%	1	0.01%	5	0.04%
504	CYTOCHROME C OXIDASE POLYPEPTIDE I	P00395	1	0.01%	2	0.01%	2	0.02%	4	0.03%
505	stathmin (=J04991 p18 protein; Z11566 Pr22 pr	X53305	8	0.06%	0	0.00%	0	0.00%	1	0.01%
506	cellular growth-regulating protein	L10844	4	0.03%	2	0.01%	1	0.01%	2	0.01%
507	paired mesoderm homeo box 1 (PMX1)	gi5902023	1	0.01%	0	0.00%	5	0.04%	3	0.02%
508	PTD014	AF092135.1	0	0.00%	1	0.01%	3	0.02%	5	0.04%
509	SWI/SNF related, matrix associated (SMARCA1	gi4507066	3	0.02%	2	0.01%	2	0.02%	2	0.01%
510	fos proto-oncogene (c-fos)	K00650.1	8	0.06%	0	0.00%	0	0.00%	1	0.01%

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511	integral membrane protein 2A (ITM2A)	NM_004867.1	4	0.03%	5	0.03%	0	0.00%	0	0.00%	9
512	ATP synthase F0 subunit 6 (RefSeq aa 8e-74)	5835393	0	0.00%	9	0.05%	0	0.00%	0	0.00%	9
513	protein phosphatase 2A catalytic subunit-beta	M60484	3	0.02%	1	0.01%	4	0.03%	1	0.01%	9
514	semaphorin E	AB000220	0	0.00%	2	0.01%	3	0.02%	4	0.03%	9
515	HSPC061	AF161546.1	0	0.00%	7	0.04%	0	0.00%	2	0.01%	9
516	heterogeneous nuclear ribonucleoprotein A2/B1	NM_002137.1	3	0.02%	5	0.03%	0	0.00%	0	0.00%	8
517	zinc finger protein 9 (a cellular retroviral nucleic	gi4827070	1	0.01%	3	0.02%	0	0.00%	4	0.03%	8
518	HepG2	D17039	2	0.01%	0	0.00%	4	0.03%	2	0.01%	8
519	laminin B2 chain	M55210	1	0.01%	4	0.02%	2	0.02%	1	0.01%	8
520	matrix metalloproteinase 3 (stromelysin 1, proge	NM_002422.1	0	0.00%	7	0.04%	0	0.00%	1	0.01%	8
521	MRG15 protein (MRG15)	AF100615.1	0	0.00%	1	0.01%	1	0.01%	6	0.04%	8
522	HSPC025 (HSPC025)	NM_016091.1	0	0.00%	5	0.03%	2	0.02%	1	0.01%	8
523	RGC32 protein (RGC32)	NM_014059.1	0	0.00%	2	0.01%	4	0.03%	2	0.01%	8
524	NADH-ubiquinone oxidoreductase AGGG subun	AF067166.1	4	0.03%	0	0.00%	1	0.01%	3	0.02%	8
525	ubiquitin gene	U49869	3	0.02%	1	0.01%	1	0.01%	3	0.02%	8
526	karyopherin alpha 4 (=importin alpha 3) (KPNA4	NM_002268.1	2	0.01%	2	0.01%	2	0.02%	2	0.01%	8
527	DEAD-box protein (BAT1) gene	AF029062.1	8	0.06%	0	0.00%	0	0.00%	0	0.00%	8
528	glutamyl-tRNA synthetase(QARS)	NM_005051.1	8	0.06%	0	0.00%	0	0.00%	0	0.00%	8
529	GOLGI 4-TRANSMEMBRANE SPANNING TRA	spQ15012	1	0.01%	0	0.00%	4	0.03%	3	0.02%	8
530	high-mobility group (nonhistone chromosomal) p	NM_005517.1	6	0.04%	0	0.00%	1	0.01%	1	0.01%	8
531	tumor necrosis factor-inducible (TSG-6)	M31165	0	0.00%	0	0.00%	4	0.03%	4	0.03%	8
532	antigen NY-CO-33 (NY-CO-33)	AF039698.1	8	0.06%	0	0.00%	0	0.00%	0	0.00%	8
533	anti-oxidant protein 2 (non-selenium glutathione	NM_004905.1	4	0.03%	2	0.01%	0	0.00%	2	0.01%	8
534	constitutive fragile region FRA3B	AF152363.1	0	0.00%	3	0.02%	2	0.02%	3	0.02%	8
535	KIAA0242	D87684	1	0.01%	3	0.02%	4	0.03%	0	0.00%	8
536	KIAA0663	AB014563	1	0.01%	2	0.01%	1	0.01%	4	0.03%	8
537	UDP-glucose pyrophosphorylase 2 (ORF)	NM_006759.1	1	0.01%	1	0.01%	4	0.03%	2	0.01%	8
538	palmitoyl-protein thioesterase (PPT)	AF022211	1	0.01%	2	0.01%	1	0.01%	4	0.03%	8
539	N-acylsphingosine amidohydrolase (ASAH) (aci	NM_004315.1	0	0.00%	3	0.02%	1	0.01%	4	0.03%	8
540	prostatic binding protein (PBP)	NM_002567.1	3	0.02%	3	0.02%	1	0.01%	1	0.01%	8
541	CYTOCHROME C OXIDASE POLYPEPTIDE II	spP00403	2	0.01%	2	0.01%	1	0.01%	3	0.02%	8
542	ornithine aminotransferase	M29927	3	0.02%	2	0.01%	1	0.01%	2	0.01%	8
543	basic transcription element binding protein 1 (BT	NM_001206.1	0	0.00%	7	0.04%	1	0.01%	0	0.00%	8
544	Huntingtin interacting protein	AF049103	4	0.03%	3	0.02%	0	0.00%	1	0.01%	8
545	thyroid hormone binding protein (p55) (=M22806	J02783	6	0.04%	0	0.00%	0	0.00%	2	0.01%	8
546	ISLR (immunoglobulin superfamily containing leu	AB024537	5	0.04%	1	0.01%	0	0.00%	2	0.01%	8
547	biglycan BGN	U11686.1	2	0.01%	1	0.01%	1	0.01%	4	0.03%	8
548	PPP1R5	AF110824.1	1	0.01%	3	0.02%	3	0.02%	1	0.01%	8
549	MADS/MEF2-family transcription factor (MEF2C	L08895.1	1	0.01%	7	0.04%	0	0.00%	0	0.00%	8
550	RAN binding protein 2 (RANBP2)	NM_006267.2	0	0.00%	3	0.02%	0	0.00%	5	0.04%	8
551	insulin-like growth factor I	X57025	0	0.00%	5	0.03%	2	0.02%	1	0.01%	8
552	single-stranded DNA-binding protein (SSBP), nu	NM_003143.1	0	0.00%	1	0.01%	3	0.02%	4	0.03%	8
553	Nck-associated protein 1 (Nap1) (=AB011159 KI	AB014509.1	0	0.00%	1	0.01%	5	0.04%	2	0.01%	8
554	cisplatin resistance-associated overexpressed p	AB034205.1	0	0.00%	4	0.02%	1	0.01%	3	0.02%	8
555	dihydropyrimidinase-like 3 (DPYSL3)	NM_001387.1	0	0.00%	2	0.01%	1	0.01%	5	0.04%	8
556	KIAA0102	D14658	1	0.01%	2	0.01%	1	0.01%	4	0.03%	8
557	KIAA0191 (zinc finger homolog)	D83776	0	0.00%	3	0.02%	4	0.03%	1	0.01%	8
558	NADH dehydrogenase (ubiquinone) 1 alpha sub	NM_005000.1	1	0.01%	2	0.01%	2	0.02%	3	0.02%	8
559	proteasome (prosome, macropain) 26Ssubunit,	NP_002793.1	0	0.00%	8	0.05%	0	0.00%	0	0.00%	8
560	lysosomal-associated protein transmembrane 4	NM_014713.1	0	0.00%	7	0.04%	0	0.00%	1	0.01%	8
561	adaptor-related protein complex 3, sigma 1 sub	NM_001284.1	2	0.01%	3	0.02%	0	0.00%	3	0.02%	8
562	nidogen-2	AJ223500	3	0.02%	3	0.02%	0	0.00%	2	0.01%	8
563	melanoma growth regulatory protein MIA	X75450	4	0.03%	4	0.02%	0	0.00%	0	0.00%	8
564	Arp2/3 protein complex subunit p16 (ARC16) =A	NM_005717.1	3	0.02%	1	0.01%	1	0.01%	3	0.02%	8
565	Kallmann syndrome 1 (KAL1) (=ADMLX=putativ	NM_000216.1	0	0.00%	2	0.01%	5	0.04%	1	0.01%	8
566	apoptosis related protein APR-1	AF143235.2	2	0.01%	2	0.01%	2	0.02%	2	0.01%	8
567	TRAM protein	CAA45218.1	1	0.01%	4	0.02%	0	0.00%	3	0.02%	8



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568	1-8U gene from interferon-inducible gene family	X57352.1	6	0.04%	2	0.01%	0	0.00%	0	0.00%	8
569	splicing factor SRp40-1 (SRp40)	U30826.1	0	0.00%	4	0.02%	3	0.02%	1	0.01%	8
570	ORF2 contains a reverse transcriptase domain	AAA51622.1	0	0.00%	5	0.03%	1	0.01%	2	0.01%	8
571	ORF2 contains a reverse transcriptase domain	AAB59368.1	0	0.00%	5	0.03%	1	0.01%	2	0.01%	8
572	splicing factor, arginine/serine-rich 5 (RefSeq aa	NP_008856.1	0	0.00%	4	0.02%	3	0.02%	1	0.01%	8
573	REIC/Dkk-3	AB034203.1	0	0.00%	7	0.04%	0	0.00%	1	0.01%	8
574	Golgi autoantigen, golgin subfamily a, 4 (GOLG	NM_002078.2	0	0.00%	1	0.01%	3	0.02%	3	0.02%	7
575	complement component 1, s subcomponent (C1	NM_001734.1	0	0.00%	5	0.03%	1	0.01%	1	0.01%	7
576	reticulocalbin 2, EF-hand calcium binding domai	NM_002902.1	3	0.02%	2	0.01%	0	0.00%	2	0.01%	7
577	Eukaryotic translation initiation factor 2, subunit	NM_003908.1	2	0.01%	1	0.01%	1	0.01%	3	0.02%	7
578	5' nucleotidase (EC 3.1.3.5)	X55740	0	0.00%	0	0.00%	3	0.02%	4	0.03%	7
579	interferon induced transmembrane protein 1 (9-2	NM_003641.1	0	0.00%	6	0.03%	0	0.00%	1	0.01%	7
580	transforming, acidic coiled-coil containing protein	NM_006283.1	1	0.01%	3	0.02%	1	0.01%	2	0.01%	7
581	fau	X65923	7	0.05%	0	0.00%	0	0.00%	0	0.00%	7
582	KIAA0372	AB002370.1	2	0.01%	3	0.02%	0	0.00%	2	0.01%	7
583	MEK binding partner 1	AF201947.1	0	0.00%	4	0.02%	0	0.00%	3	0.02%	7
584	stearyl-CoA desaturase	AB032261.1	3	0.02%	0	0.00%	4	0.03%	0	0.00%	7
585	protein immuno-reactive with anti-PTH polyclonal	U28831.1	0	0.00%	2	0.01%	4	0.03%	1	0.01%	7
586	AgX-1 antigen	S73498	0	0.00%	0	0.00%	3	0.02%	4	0.03%	7
587	erythrocyte membrane protein band 4.1-like 2 (E	NM_001431.1	0	0.00%	4	0.02%	3	0.02%	0	0.00%	7
588	valosin-containing protein(VCP)	NM_007126.2	3	0.02%	3	0.02%	1	0.01%	0	0.00%	7
589	clathrin, light polypeptide (Lca) (CLTA)	NM_007096.1	1	0.01%	3	0.02%	2	0.02%	1	0.01%	7
590	spectrin SH3 domain binding protein 1 (SSH3BF	NM_005470.1	0	0.00%	1	0.01%	3	0.02%	3	0.02%	7
591	dual specificity phosphatase 1 (DUSP1)	NM_004417.2	1	0.01%	4	0.02%	1	0.01%	1	0.01%	7
592	p75NTR-associated cell death executor (NADE)	AF187064.1	3	0.02%	0	0.00%	1	0.01%	3	0.02%	7
593	GW128	AF107406	1	0.01%	2	0.01%	1	0.01%	3	0.02%	7
594	HSPC194	AF151028.1	2	0.01%	2	0.01%	0	0.00%	3	0.02%	7
595	HSPC238	AF151072.1	0	0.00%	1	0.01%	4	0.03%	2	0.01%	7
596	IDN3	AB019494.1	0	0.00%	4	0.02%	2	0.02%	1	0.01%	7
597	KIAA0069 gene	D31885.1	1	0.01%	3	0.02%	2	0.02%	1	0.01%	7
598	KIAA0143 gene	D63477.1	3	0.02%	2	0.01%	1	0.01%	1	0.01%	7
599	KIAA0332	AB002330	1	0.01%	1	0.01%	3	0.02%	2	0.01%	7
600	non-metastatic cells 2, protein (NM23B) express	NM_002512.1	4	0.03%	1	0.01%	1	0.01%	1	0.01%	7
601	over-expressed breast tumor protein	L34839	1	0.01%	4	0.02%	2	0.02%	0	0.00%	7
602	PRO0530	AF111849.1	1	0.01%	0	0.00%	2	0.02%	4	0.03%	7
603	PTD010	AF078863.1	2	0.01%	0	0.00%	3	0.02%	2	0.01%	7
604	glyoxalase-I (GLO1)	AF146651.1	0	0.00%	2	0.01%	3	0.02%	2	0.01%	7
605	high density lipoprotein binding protein (HBP)	M64098	5	0.04%	0	0.00%	1	0.01%	1	0.01%	7
606	eukaryotic translation initiation factor 3, subunit	gi4503514	3	0.02%	1	0.01%	0	0.00%	3	0.02%	7
607	cathepsin L (CTSL)	NM_001912.1	1	0.01%	4	0.02%	1	0.01%	1	0.01%	7
608	sorting nexin 6 (SNX6)	AF121856.1	0	0.00%	3	0.02%	2	0.02%	2	0.01%	7
609	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum	NM_006854.2	2	0.01%	2	0.01%	1	0.01%	2	0.01%	7
610	nuclear factor of kappa light polypeptide gene ex	AF213884.1	1	0.01%	6	0.03%	0	0.00%	0	0.00%	7
611	transCRiptional coactivator PC4	U12979	0	0.00%	0	0.00%	0	0.00%	7	0.05%	7
612	poly(rC)-binding protein 1 (PCBP1)	NM_006196.1	2	0.01%	2	0.01%	1	0.01%	2	0.01%	7
613	Ia-associated invariant gamma-chain gene	M13560	0	0.00%	4	0.02%	1	0.01%	2	0.01%	7
614	immunoglobulin lambda gene	D87003.1	2	0.01%	2	0.01%	2	0.02%	1	0.01%	7
615	uncharacterized bone marrow protein BM034 (=	AF217511.1	1	0.01%	3	0.02%	1	0.01%	2	0.01%	7
616	small membrane protein 1 (SMP1)	AF081282	2	0.01%	0	0.00%	2	0.02%	3	0.02%	7
617	chondroitin sulfate proteoglycan 2 (versican) (CS	NM_004385.1	1	0.01%	4	0.02%	2	0.02%	0	0.00%	7
618	dermatan sulfate proteoglycan 3 (DSPG3)	U59111	7	0.05%	0	0.00%	0	0.00%	0	0.00%	7
619	stromal cell derived factor receptor 1 (SDFR1)	NM_012428.1	1	0.01%	0	0.00%	1	0.01%	5	0.04%	7
620	ras-related GTP-binding protein	AF106681.1	1	0.01%	1	0.01%	3	0.02%	2	0.01%	7
621	cytosolic thyroid hormone-binding protein (=M23	M26252	5	0.04%	2	0.01%	0	0.00%	0	0.00%	7
622	SLC11A3 iron transporter	AF215636.1	1	0.01%	2	0.01%	1	0.01%	3	0.02%	7
623	syntaxin 8	AAD20831.1	0	0.00%	4	0.02%	3	0.02%	0	0.00%	7
624	vascular cell adhesion molecule 1 (VCAM1)	M30257	0	0.00%	2	0.01%	1	0.01%	4	0.03%	7



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625	GTP-binding protein Sara	AF092130.1	1	0.01%	0	0.00%	3	0.02%	3	0.02%	7
626	interCRine-alpha (hIRH)	U19495	4	0.03%	3	0.02%	0	0.00%	0	0.00%	7
627	line-1 protein ORF2 (=p150)	B28096	0	0.00%	3	0.02%	1	0.01%	3	0.02%	7
628	small acidic protein	U51678	0	0.00%	1	0.01%	2	0.02%	4	0.03%	7
629	small EDRK-rich factor 2 (SERF2)	NM_005770.1	4	0.03%	2	0.01%	1	0.01%	0	0.00%	7
630	ATP SYNTHASE E CHAIN, MITOCHONDRIAL	spP56385	1	0.01%	0	0.00%	2	0.02%	4	0.03%	7
631	ubiquitin-conjugating enzyme E2 variant 1 (UBE	NM_003349.1	1	0.01%	4	0.02%	0	0.00%	2	0.01%	7
632	zinc finger protein SLUG (SLUG) gene	AF084243.1	3	0.02%	1	0.01%	1	0.01%	2	0.01%	7
633	RNA binding motif protein 8B (RBM8B)	AF231512.1	0	0.00%	5	0.03%	0	0.00%	2	0.01%	7
634	CGI-149 protein	AF151907.1	2	0.01%	1	0.01%	4	0.03%	0	0.00%	7
635	elastin (ELN)	U62292	7	0.05%	0	0.00%	0	0.00%	0	0.00%	7
636	non-histone chromosomal protein (HMG-1)	L08048.1	1	0.01%	1	0.01%	3	0.02%	2	0.01%	7
637	KIAA0038 gene	D26068.1	3	0.02%	1	0.01%	2	0.02%	1	0.01%	7
638	NADH dehydrogenase (ubiquinone) 1 beta subc	NM_005004.1	2	0.01%	2	0.01%	0	0.00%	3	0.02%	7
639	esterase D	AF112219	1	0.01%	2	0.01%	1	0.01%	3	0.02%	7
640	lost on transformation LOT1 (=PLAGL1)	U72621.2	1	0.01%	0	0.00%	2	0.02%	4	0.03%	7
641	N2A3 (=DPYSL2) (=dihydropyrimidinase related	U97105	1	0.01%	0	0.00%	2	0.02%	4	0.03%	7
642	SON DNA binding protein (SON)	X63753	2	0.01%	0	0.00%	3	0.02%	2	0.01%	7
643	polyposis locus (DP1 gene)	M73547	1	0.01%	0	0.00%	4	0.03%	2	0.01%	7
644	LENG7 mRNA, (=PRO2003 mRNA)(= elongation	AF211972.1	0	0.00%	7	0.04%	0	0.00%	0	0.00%	7
645	matrilin 1, cartilage matrix protein (MATN1)	NM_002379.2	7	0.05%	0	0.00%	0	0.00%	0	0.00%	7
646	NADH dehydrogenase (ubiquinone) 1 beta subc	NM_004545.1	0	0.00%	4	0.02%	1	0.01%	1	0.01%	6
647	proteasome (prosome, macRopain) subunit, bet	NM_002793.1	0	0.00%	0	0.00%	4	0.03%	2	0.01%	6
648	Deleted in oral cancer-1 (DOC1)	NM_004642.1	2	0.01%	0	0.00%	0	0.00%	4	0.03%	6
649	cyclophilin-related protein (NKTR) gene (=PAC F	AF184110.1	2	0.01%	2	0.01%	1	0.01%	1	0.01%	6
650	NADH-UBIQUINONE OXIDOREDUCTASE CHA	spP03886	0	0.00%	2	0.01%	3	0.02%	1	0.01%	6
651	myristoylated alanine-rich C-kinase substrate (=	M68956	3	0.02%	2	0.01%	0	0.00%	1	0.01%	6
652	signal recognition particle subunit 9 (SRP9)	U20998	1	0.01%	0	0.00%	1	0.01%	4	0.03%	6
653	heterogeneous nuclear ribonucleoprotein C (C1/	NM_004500.1	5	0.04%	0	0.00%	0	0.00%	1	0.01%	6
654	laminin, alpha 4 (LAMA4)	NM_002290.1	3	0.02%	2	0.01%	1	0.01%	0	0.00%	6
655	DRP-2 dihydropyrimidinase related protein 2	AB020777.1	1	0.01%	2	0.01%	0	0.00%	3	0.02%	6
656	HSPC307	AF161425.1	0	0.00%	2	0.01%	3	0.02%	1	0.01%	6
657	progesterone binding protein (HPR6.6)	gi5729874	2	0.01%	0	0.00%	2	0.02%	2	0.01%	6
658	inositol 1,4,5-triphosphate receptor, type 2 (ITPR	NM_002223.1	0	0.00%	2	0.01%	1	0.01%	3	0.02%	6
659	ubiquinol-cytochrome c reductase hinge protein	NM_006004.1	2	0.01%	3	0.02%	1	0.01%	0	0.00%	6
660	eukaryotic translation initiation factor 4A, isoform	NM_001967.2	0	0.00%	5	0.03%	0	0.00%	1	0.01%	6
661	proteasome subunit HC9	D00763	2	0.01%	0	0.00%	2	0.02%	2	0.01%	6
662	basic transCRiption factor 2 p44 (btf2p44) gene,	U80017.1	2	0.01%	1	0.01%	1	0.01%	2	0.01%	6
663	U50HG genes for U50' snoRNA and U50 snoRNA	AB017710	3	0.02%	1	0.01%	1	0.01%	1	0.01%	6
664	alpha-2 globin (HBA1)	AF097635	6	0.04%	0	0.00%	0	0.00%	0	0.00%	6
665	RAD21 (S. pombe) homolog (RAD21) (=X98294	gi5453993	3	0.02%	1	0.01%	1	0.01%	1	0.01%	6
666	GDP dissociation inhibitor 2 (GDI2)	NM_001494.2	0	0.00%	2	0.01%	0	0.00%	4	0.03%	6
667	disabled 2 p93 (DAB2) (mitogen-responsive pho	AF188298.1	0	0.00%	3	0.02%	2	0.02%	1	0.01%	6
668	KIAA1074	AB028997.1	0	0.00%	3	0.02%	3	0.02%	0	0.00%	6
669	myeloid/lymphoid or mixed-lineage leukemia (tril	NM_005935.1	0	0.00%	4	0.02%	1	0.01%	1	0.01%	6
670	N-terminal acetyltransferase complex ard1 subu	AF085355.1	0	0.00%	1	0.01%	3	0.02%	2	0.01%	6
671	PRO1873	AF119859.1	1	0.01%	5	0.03%	0	0.00%	0	0.00%	6
672	CMP-N-acetylneuraminic acid hydroxylase	AF074480.1	0	0.00%	1	0.01%	3	0.02%	2	0.01%	6
673	somatic cytochrome c (HCS) gene	M22877.1	0	0.00%	1	0.01%	1	0.01%	4	0.03%	6
674	chaperonin containing T-complex subunit 6 (CC	NM_001762.1	2	0.01%	2	0.01%	0	0.00%	2	0.01%	6
675	C2H2 zinc finger protein (ZNF189)	AF025772.1	0	0.00%	0	0.00%	3	0.02%	3	0.02%	6
676	homeobox protein CDX4 (CDX4) gene	AF003530.1	0	0.00%	3	0.02%	1	0.01%	2	0.01%	6
677	immunoglobulin light chain	D87000	2	0.01%	0	0.00%	3	0.02%	1	0.01%	6
678	antioxidant protein 1 (AOP1) (=peroxiredoxin 3	(NM_006793.1	0	0.00%	1	0.01%	0	0.00%	5	0.04%	6
679	lysosomal-associated membrane glycoprotein-1	L08582	1	0.01%	1	0.01%	3	0.02%	1	0.01%	6
680	glutaredoxin	X76648.1	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
681	cornichon protein	AF070654.1	1	0.01%	1	0.01%	3	0.02%	1	0.01%	6

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682	dermatopontin	Z22865	0	0.00%	2	0.01%	2	0.02%	2	0.01%	6
683	myosin, light polypeptide 1, alkali; skeletal, fast (NM_002475.1		2	0.01%	4	0.02%	0	0.00%	0	0.00%	6
684	CD36 antigen	L06850.1	2	0.01%	1	0.01%	2	0.02%	1	0.01%	6
685	guanine nucleotide binding protein 11 (GNG11)	NM_004126.1	0	0.00%	3	0.02%	2	0.02%	1	0.01%	6
686	vascular endothelial growth factor (VEGF)	AF024710.1	3	0.02%	2	0.01%	0	0.00%	1	0.01%	6
687	integrin alpha 10 subunit (ITGA10)	AF112345.1	1	0.01%	4	0.02%	0	0.00%	1	0.01%	6
688	HIC protein	AF054589	0	0.00%	0	0.00%	2	0.02%	4	0.03%	6
689	KIAA0187 gene	NM_014753.1	0	0.00%	5	0.03%	0	0.00%	1	0.01%	6
690	KIAA0436	AB007896	2	0.01%	1	0.01%	2	0.02%	1	0.01%	6
691	KIAA0530	AB011102	1	0.01%	2	0.01%	1	0.01%	2	0.01%	6
692	KIAA0569	AB011141	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
693	KIAA0766	AB018309.1	1	0.01%	1	0.01%	2	0.02%	2	0.01%	6
694	KIAA0942 protein (KIAA0942)	NM_015310.1	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
695	Pcp-2=Purekinje cell protein 2	S40022	0	0.00%	0	0.00%	1	0.01%	5	0.04%	6
696	PRO1073	AF113016	0	0.00%	1	0.01%	5	0.04%	0	0.00%	6
697	PRO2640	AF116710.1	6	0.04%	0	0.00%	0	0.00%	0	0.00%	6
698	SON protein	AF193606	0	0.00%	0	0.00%	3	0.02%	3	0.02%	6
699	protein tyrosine phosphatase type IVA, member	NM_003479.1	0	0.00%	2	0.01%	0	0.00%	4	0.03%	6
700	low density lipoprotein receptor	L00352	2	0.01%	2	0.01%	2	0.02%	0	0.00%	6
701	ATP SYNTHASE GAMMA CHAIN, MITOCHONDRIAL	spP36542	1	0.01%	0	0.00%	4	0.03%	1	0.01%	6
702	cytochrome c oxidase subunit VIII (COX8)	J04823	6	0.04%	0	0.00%	0	0.00%	0	0.00%	6
703	leucine aminopeptidase	AF061738	0	0.00%	2	0.01%	0	0.00%	4	0.03%	6
704	calpastatin	D50827	1	0.01%	0	0.00%	1	0.01%	4	0.03%	6
705	threonyl-tRNA synthetase (TARS)	NM_003191.1	0	0.00%	1	0.01%	0	0.00%	5	0.04%	6
706	ribosomal protein L33-like protein	AF047440	1	0.01%	2	0.01%	1	0.01%	2	0.01%	6
707	chaperonin containing TCP1 subunit 4 (delta) (C	NM_006430.1	2	0.01%	2	0.01%	1	0.01%	1	0.01%	6
708	Finkel-Biskis-Reilly murine sarcoma virus (FBR	NM_001997.1	5	0.04%	1	0.01%	0	0.00%	0	0.00%	6
709	Id-2H	D13891	1	0.01%	1	0.01%	2	0.02%	2	0.01%	6
710	shox gene	U82668	5	0.04%	1	0.01%	0	0.00%	0	0.00%	6
711	SOX4	AF124147.1	0	0.00%	3	0.02%	1	0.01%	2	0.01%	6
712	transcription factor (CBFB)	L20298	1	0.01%	1	0.01%	0	0.00%	4	0.03%	6
713	poly(rC)-binding protein 2 (PCBP2)	NM_005016.1	1	0.01%	5	0.03%	0	0.00%	0	0.00%	6
714	RNA-binding protein regulatory subunit	AF021819	3	0.02%	2	0.01%	0	0.00%	1	0.01%	6
715	Membrane cofactor protein	X59408.1	1	0.01%	3	0.02%	1	0.01%	1	0.01%	6
716	catalase	X04076	0	0.00%	1	0.01%	4	0.03%	1	0.01%	6
717	complement C1r	M14058	1	0.01%	0	0.00%	0	0.00%	5	0.04%	6
718	glutathione peroxidase 3 (plasma) (GPX3)	NM_002084.2	0	0.00%	6	0.03%	0	0.00%	0	0.00%	6
719	synaptophysin-like protein (SYPL)	gi5803184	1	0.01%	2	0.01%	0	0.00%	3	0.02%	6
720	CGI-07 protein	AF132941.1	0	0.00%	2	0.01%	2	0.02%	2	0.01%	6
721	CGI-148 protein	AF151906	0	0.00%	0	0.00%	2	0.02%	4	0.03%	6
722	filamin (FLNB)	AF191633.1	4	0.03%	1	0.01%	1	0.01%	0	0.00%	6
723	chondroadherin (CHAD)	U96769	4	0.03%	2	0.01%	0	0.00%	0	0.00%	6
724	nonmuscle myosin heavy chain-B (MYH10)	M69181	5	0.04%	0	0.00%	0	0.00%	1	0.01%	6
725	conserved gene amplified in osteosarcoma (OS	NM_005730.1	1	0.01%	2	0.01%	2	0.02%	1	0.01%	6
726	signal sequence receptor, gamma (translocon-as	NM_007107.1	1	0.01%	4	0.02%	0	0.00%	1	0.01%	6
727	okadaic acid-inducible and cAMP-regulated pho	AF084555.1	2	0.01%	0	0.00%	3	0.02%	1	0.01%	6
728	SH3 domain-containing protein SH3P18	U81167	2	0.01%	0	0.00%	3	0.02%	1	0.01%	6
729	transformer-2 alpha (htra-2 alpha)	U53209.1	3	0.02%	1	0.01%	0	0.00%	2	0.01%	6
730	cullin 4A (CUL4A)	AF077188.1	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
731	dendritic cell protein (GA17)= AF064603 GA17	NM_006360.1	0	0.00%	6	0.03%	0	0.00%	0	0.00%	6
732	voltage-dependent anion channel (VDAC1)	AF151097.1	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
733	bullous pemphigoid antigen (BPAG1)	L11690.1	0	0.00%	4	0.02%	2	0.02%	0	0.00%	6
734	IGSF4 gene	AB017563.1	0	0.00%	0	0.00%	1	0.01%	5	0.04%	6
735	exportin 1 (CRM1, yeast, homolog) (XPO1)(ORF	NM_003400.1	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
736	H3 histone, family 3B (H3.3B) (H3F3B)	NM_005324.1	4	0.03%	1	0.01%	1	0.01%	0	0.00%	6
737	Histone 4 family, member M (RefSeq aa 7e-53)	NP_003486.1	0	0.00%	6	0.03%	0	0.00%	0	0.00%	6
738	non-histone chromosome protein 2 (S. cerevisia	NM_005008.1	2	0.01%	3	0.02%	0	0.00%	1	0.01%	6

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739	growth arrest specific transCRIPT 5 gene	AF141346.1	2	0.01%	1	0.01%	1	0.01%	2	0.01%	6
740	SPHAR gene for cyclin-related protein	X82554.1	0	0.00%	2	0.01%	1	0.01%	3	0.02%	6
741	H-2K binding factor-2	D14041	0	0.00%	1	0.01%	1	0.01%	4	0.03%	6
742	KIAA0349 gene	AB002347.1	1	0.01%	3	0.02%	1	0.01%	1	0.01%	6
743	KIAA0885	AB020692.1	0	0.00%	2	0.01%	0	0.00%	4	0.03%	6
744	KIAA1025	AB028948.1	1	0.01%	1	0.01%	3	0.02%	1	0.01%	6
745	LGMD2B	AJ007973	1	0.01%	1	0.01%	3	0.02%	1	0.01%	6
746	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase	AF041832	4	0.03%	1	0.01%	0	0.00%	1	0.01%	6
747	protein phosphatase 1 catalytic subunit, beta isoform	NM_002709.1	0	0.00%	3	0.02%	1	0.01%	2	0.01%	6
748	mitochondrial 16S rRNA	Z70759	2	0.01%	0	0.00%	1	0.01%	3	0.02%	6
749	mitochondrial coxII	X55654.1	3	0.02%	0	0.00%	2	0.02%	1	0.01%	6
750	glutaminase C	AF158555.1	0	0.00%	3	0.02%	1	0.01%	2	0.01%	6
751	DNA-binding protein A gene	L29073.1	1	0.01%	2	0.01%	1	0.01%	2	0.01%	6
752	general transcription factor 2-I (GTF2I)	AF038968	4	0.03%	2	0.01%	0	0.00%	0	0.00%	6
753	YME1 (S.cerevisiae)-like 1 (YME1L1), = AJ132611	NM_014263.1	1	0.01%	2	0.01%	1	0.01%	2	0.01%	6
754	splicing factor, arginine/serine-rich (transformer- $\beta$ )	NM_004593.1	2	0.01%	0	0.00%	0	0.00%	4	0.03%	6
755	LIM and SH3 protein 1 (LASP1) (=X82456 MLN555)	gi5453709	3	0.02%	0	0.00%	1	0.01%	2	0.01%	6
756	TGF-beta inducible early protein (TIEG)	U21847	1	0.01%	3	0.02%	0	0.00%	2	0.01%	6
757	pigment epithelium-derived factor (PEDF)	NM_002615.1	6	0.04%	0	0.00%	0	0.00%	0	0.00%	6
758	ARP2/3 protein complex subunit 34 (ARC34)	NM_005731.1	2	0.01%	1	0.01%	0	0.00%	3	0.02%	6
759	high mobility group 2 protein (HMG-2)	M83665	2	0.01%	1	0.01%	1	0.01%	2	0.01%	6
760	jumping translocation breakpoint (JTB) =AB016411	NM_006694.1	1	0.01%	2	0.01%	0	0.00%	3	0.02%	6
761	murine leukemia viral (bmi-1) oncogene homolog	NM_005180.1	0	0.00%	2	0.01%	1	0.01%	3	0.02%	6
762	13kDa differentiation-associated protein	AAF17196.1	0	0.00%	2	0.01%	0	0.00%	4	0.03%	6
763	hypothetical protein Nop10p (RefSeq aa 1e-33)	NP_061118.1	0	0.00%	6	0.03%	0	0.00%	0	0.00%	6
764	KIAA0103	D14659	1	0.01%	1	0.01%	0	0.00%	4	0.03%	6
765	p130 (130K protein)	X76061.1	0	0.00%	4	0.02%	1	0.01%	1	0.01%	6
766	S1R protein (S1R) (=CGI-119)	AF113127.1	0	0.00%	2	0.01%	1	0.01%	3	0.02%	6
767	ATP synthase, H transporting, mitochondrial F0F1 complex, subunit c	NM_005175.1	0	0.00%	3	0.02%	3	0.02%	0	0.00%	6
768	fragile X mental retardation 1 (FMR1)	NM_002024.1	1	0.01%	4	0.02%	1	0.01%	0	0.00%	6
769	nucleobindin 2 (NUCB2)(NEFA protein)	X76732	0	0.00%	1	0.01%	1	0.01%	4	0.03%	6
770	progesterone membrane binding protein (PMBP)	5453915	0	0.00%	1	0.01%	2	0.02%	3	0.02%	6
771	melanoma inhibitory	NM_006533.1	2	0.01%	4	0.02%	0	0.00%	0	0.00%	6
772	KIAA1250	AB033076.1	1	0.01%	0	0.00%	3	0.02%	2	0.01%	6
773	ORF2 [Canis familiaris](60%)	AB012223	0	0.00%	4	0.02%	1	0.01%	1	0.01%	6
774	POLR2K gene for RPB10 alpha	AJ252078.1	0	0.00%	3	0.02%	0	0.00%	3	0.02%	6
775	cytochrome C oxidase II subunit (ORF)	X55654	3	0.02%	0	0.00%	2	0.02%	1	0.01%	6
776	karyopherin (importin) beta 1 (KPNB1) (=L38951)	gi4504904	3	0.02%	1	0.01%	1	0.01%	1	0.01%	6
777	CD59 antigen p18-20 (antigen identified by monoclonal antibody)	NM_000611.1	1	0.01%	3	0.02%	0	0.00%	2	0.01%	6
778	CAR (RFP2)	AF279660	2	0.01%	0	0.00%	3	0.02%	1	0.01%	6
779	signal peptidase complex (18kD) (SPC18)	NM_014300.1	1	0.01%	3	0.02%	1	0.01%	1	0.01%	6
780	basic helix-loop-helix domain containing, class E	Hs.171825	1	0.01%	1	0.01%	1	0.01%	3	0.02%	6
781	5-aminoimidazole-4-carboxamide ribonucleotide	NM_004044.1	1	0.01%	0	0.00%	3	0.02%	2	0.01%	6
782	actin, alpha 2, smooth muscle, aorta (ACTA2) (C1orf112)	NM_001613.1	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
783	NADH dehydrogenase(ubiquinone) 1 beta subunit	NM_002491.1	1	0.01%	0	0.00%	3	0.02%	1	0.01%	5
784	heterogeneous nuclear ribonucleoprotein (hnRNP A1)	X12671	3	0.02%	0	0.00%	0	0.00%	2	0.01%	5
785	eukaryotic translation initiation factor 3, subunit 1	gi4503508	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
786	adenylyl cyclase-associated protein (CAP)	L12168	0	0.00%	0	0.00%	3	0.02%	2	0.01%	5
787	tetratricopeptide repeat domain 3 (TTC3)(= DCR1)	NM_003316.1	0	0.00%	4	0.02%	0	0.00%	1	0.01%	5
788	endothelial differentiation-related factor 1 (EDF1)	NM_003792.1	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
789	ATP SYNTHASE A CHAIN (PROTEIN 6)(ORF)	P00846	3	0.02%	2	0.01%	0	0.00%	0	0.00%	5
790	NADH-ubiquinone oxidoreductase subunit CI-B1	AF047182	2	0.01%	0	0.00%	2	0.02%	1	0.01%	5
791	MHC class I region	AF055066	1	0.01%	2	0.01%	2	0.02%	0	0.00%	5
792	plastin 3 (T isoform) (PLS3)	NM_005032.2	1	0.01%	2	0.01%	2	0.02%	0	0.00%	5
793	hexosaminidase B (beta polypeptide) (HEXB)(O1orf10)	NM_000521.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
794	breast cancer associated gene 1 protein (BCG1)	AF128528.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
795	ornithine decarboxylase antizyme	D87914	4	0.03%	1	0.01%	0	0.00%	0	0.00%	5

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796	enterocyte differentiation associated factor EDAF	U62136.2	0	0.00%	0	0.00%	3	0.02%	2	0.01%	5
797	four and a half LIM domains 1 (FHL1)	NM_001449.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
798	translocase of outer mitochondrial membrane 20	NM_014765.1	2	0.01%	2	0.01%	0	0.00%	1	0.01%	5
799	mouse tropomyosin homolog (HSPC001) =AF04	NM_004872.1	2	0.01%	0	0.00%	2	0.02%	1	0.01%	5
800	DNA polymerase zeta catalytic subunit (REV3)	AF157476.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
801	eukaryotic initiation factor 4 gamma (eIF-4 gamma)	D12686	3	0.02%	0	0.00%	0	0.00%	2	0.01%	5
802	eukaryotic translation initiation factor 4A, isoform	D13748	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
803	E6-AP ubiquitin-protein ligase (UBE3A)	AF009341.1	0	0.00%	0	0.00%	3	0.02%	2	0.01%	5
804	prolyl 4-hydroxylase beta-subunit and disulfide is	M22806.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
805	archain 1 (ARCN1)	gi4502194	1	0.01%	3	0.02%	0	0.00%	1	0.01%	5
806	protein kinase C inhibitor-I	U27143	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
807	serine/threonine kinase KPM	AF207547.1	2	0.01%	2	0.01%	1	0.01%	0	0.00%	5
808	fibroblast growth factor 2 (basic)(FGF2)	NM_002006.1	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
809	predicted osteoblast protein (GS3786), mRNA	NM_014888.1	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
810	HSPC204	AF151038.1	0	0.00%	0	0.00%	2	0.02%	3	0.02%	5
811	KIAA0579	AB011151.1	0	0.00%	1	0.01%	3	0.02%	1	0.01%	5
812	Rap1B	U07795	0	0.00%	0	0.00%	1	0.01%	4	0.03%	5
813	X (inactive)-specific transCRipt (XIST)	M97168	0	0.00%	0	0.00%	1	0.01%	4	0.03%	5
814	alcohol dehydrogenase, class III (ADH5) chi subu	M30471	2	0.01%	2	0.01%	1	0.01%	0	0.00%	5
815	diphosphoinositol polyphosphate phosphohydro	AF191654.2	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
816	phosphatidic acid phosphatase 2a	AB000888	2	0.01%	2	0.01%	1	0.01%	0	0.00%	5
817	NADH dehydrogenase (ubiquinone) 1 beta subo	NM_005005.1	2	0.01%	0	0.00%	0	0.00%	3	0.02%	5
818	NADH dehydrogenase(ubiquinone) 1, alpha/beta	NM_005003.1	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
819	selenoprotein W (hSelW)	AF015283.1	1	0.01%	3	0.02%	1	0.01%	0	0.00%	5
820	frizzled (Drosophila) homolog 1 (FZD1)	NM_003505.1	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
821	nuclear factor I/B (NFIB)	NM_005596.1	1	0.01%	3	0.02%	1	0.01%	0	0.00%	5
822	heterogeneous nuclear ribonucleoprotein M (HN	5174610	2	0.01%	3	0.02%	0	0.00%	0	0.00%	5
823	heterogeneous nuclear ribonucleoprotein R (OR	AF000364	1	0.01%	1	0.01%	2	0.02%	1	0.01%	5
824	nuclear protein (NP220)	NM_014497.1	1	0.01%	0	0.00%	0	0.00%	4	0.03%	5
825	T-cell receptor alpha delta locus	AE000659	2	0.01%	0	0.00%	3	0.02%	0	0.00%	5
826	translocase of inner mitochondrial membrane 17	NM_006335.1	0	0.00%	4	0.02%	1	0.01%	0	0.00%	5
827	miCRosomal glutathione S-transferase 3 (MGST	AF026977.1	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5
828	copine III (CPNE3) (=AB014536 KIAA0636)	gi4503014	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
829	Golgi apparatus protein 1 (GLG1)	NM_012201.1	2	0.01%	3	0.02%	0	0.00%	0	0.00%	5
830	desrin (actin depolymerizing factor) (ADF)	5802965	2	0.01%	0	0.00%	2	0.02%	1	0.01%	5
831	growth arrest and DNA-damage-inducible, alpha	NM_001924.1	1	0.01%	1	0.01%	0	0.00%	3	0.02%	5
832	5T4 oncofetal trophoblast glycoprotein (5T4)	NM_006670.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
833	Autosomal Highly Conserved Protein (AHCP) (=	NM_016255.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
834	Diff33 protein homolog	AF164794.1	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
835	G8 protein (G8)	NM_016947.1	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
836	HSPC067	AF161552.1	0	0.00%	0	0.00%	4	0.03%	1	0.01%	5
837	HSPC316	AF161434.1	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
838	HSPC034 protein	AF100747.1	0	0.00%	0	0.00%	2	0.02%	3	0.02%	5
839	KIAA0077 gene	D38521.1	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
840	KIAA0107	D14663	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
841	KIAA0127	NM_014755.1	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
842	KIAA0174	D79996	1	0.01%	3	0.02%	1	0.01%	0	0.00%	5
843	KIAA0244 gene	D87685	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
844	KIAA0265	D87454	2	0.01%	0	0.00%	3	0.02%	0	0.00%	5
845	KIAA0308	AB002306	0	0.00%	2	0.01%	3	0.02%	0	0.00%	5
846	KIAA0325 gene	AB002323.1	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
847	KIAA0382	AB002380	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
848	KIAA0577	AB011149	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
849	KIAA0670 protein/acinusL (no-exact match 42%	NP_055792.1	2	0.01%	2	0.01%	0	0.00%	1	0.01%	5
850	KIAA0680 gene product (KIAA0680)	NM_014721.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
851	KIAA0853	AB020660.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
852	KIAA0977	AB023194.1	0	0.00%	1	0.01%	3	0.02%	1	0.01%	5

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853	KIAA1013	AB023230.1	0	0.00%	3	0.02%	1	0.01%	2	0.01%	5
854	KIAA1053	AB028976.1	1	0.01%	0	0.00%	2	0.02%	2	0.01%	5
855	meningioma-expressed antigen 5 (MEA5) (=KIA	AF036145	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
856	myeloid leukemia factor 2 (MLF2)	NM_005439.1	4	0.03%	1	0.01%	0	0.00%	0	0.00%	5
857	NY-REN-45 antigen (LOC51133)	NM_016121.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
858	PEG1/MEST	D87367.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
859	PRO2605	AF116709.1	4	0.03%	1	0.01%	0	0.00%	0	0.00%	5
860	PRO2751	AF119896.1	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
861	PTH-responsive osteosarcoma D1 protein	AAD25980.1	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
862	seCREted protein of unknown function (SPUF)	AF173937.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
863	steroid sensitive gene-1 protein (SSG-1)	AF223677.1	1	0.01%	2	0.01%	0	0.00%	2	0.01%	5
864	uncoupling protein 2 (ucp2 gene homologue)	AJ243250.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
865	X-linked anhidrotic ectodermal dysplasia protein	AF003528.1	1	0.01%	4	0.02%	0	0.00%	0	0.00%	5
866	S100 calcium-binding protein A13 (S100A13)	NM_005979.1	3	0.02%	2	0.01%	0	0.00%	0	0.00%	5
867	pyruvate dehydrogenase (lipoamide) alpha 1 (P	NM_000284.1	2	0.01%	1	0.01%	2	0.02%	0	0.00%	5
868	protein x 0001	AF117230	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
869	PTEN (PTEN) gene	AF143312.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
870	lipoprotein lipase (LPL)	NM_000237.1	0	0.00%	1	0.01%	4	0.03%	0	0.00%	5
871	CYTOCHROME C OXIDASE POLYPEPTIDE III	P00414	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
872	NADH dehydrogenase subunit 1(RefSeq aa 2e-	gi5835388	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
873	NADH-UBIQUINONE OXIDOREDUCTASE CHA	P03905	1	0.01%	2	0.01%	0	0.00%	2	0.01%	5
874	NADH-UBIQUINONE OXIDOREDUCTASE MLF	sp000483	0	0.00%	0	0.00%	1	0.01%	4	0.03%	5
875	dihydrofolate reductase (DHFR)	NM_000791.2	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
876	aspartyl-tRNA synthetase (DARS)	NM_001349.1	2	0.01%	2	0.01%	0	0.00%	1	0.01%	5
877	mitochondrial serine hydroxymethyltransferase c	U23143.1	3	0.02%	0	0.00%	0	0.00%	2	0.01%	5
878	cystatin B	U46692	2	0.01%	2	0.01%	0	0.00%	1	0.01%	5
879	PROS-27	X59417	1	0.01%	2	0.01%	0	0.00%	2	0.01%	5
880	sorting nexin 3 (SNX3)	AF034546	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
881	AKAP450 protein	AJ131693.1	0	0.00%	0	0.00%	3	0.02%	2	0.01%	5
882	farnesyl-protein transferase alpha-subunit	L00634	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
883	prolylcarboxypeptidase (angiotensinase C) (PRC	NM_005040.1	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
884	sequestosome 1 (SQSTM1) (=U46751.1 phosph	NM_003900.1	2	0.01%	0	0.00%	1	0.01%	2	0.01%	5
885	GLI-Kruppel family member GLI3 (Greig cephalo	gi4504014	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
886	TATA element modulatory factor	L01042.1	0	0.00%	0	0.00%	2	0.02%	3	0.02%	5
887	two-handed zinc finger protein ZEB	U19969	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
888	XAGL protein	Y15906.1	0	0.00%	0	0.00%	1	0.01%	4	0.03%	5
889	zinc finger protein 262 (ZNF262) (=AB007885 K	gi4827068	4	0.03%	0	0.00%	1	0.01%	0	0.00%	5
890	zinc finger protein 84 (HPF2) (ZNF84)	NM_003428.1	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
891	heterogeneous nuclear ribonucleoprotein H1 (H)	NM_005520.1	1	0.01%	3	0.02%	1	0.01%	0	0.00%	5
892	Polyadenylate binding protein	U75686.1	1	0.01%	1	0.01%	2	0.02%	1	0.01%	5
893	spliceosomal protein SAP 155	AF054284	3	0.02%	0	0.00%	2	0.02%	0	0.00%	5
894	splicing factor (CC1.4)	L10911.1	1	0.01%	0	0.00%	2	0.02%	2	0.01%	5
895	Splicing factor proline/glutamine rich (polypyrim	NM_005066.1	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
896	RNA polymerase II subunit hsRPB7	U20659.1	2	0.01%	0	0.00%	1	0.01%	1	0.01%	5
897	lymphocyte activation-associated protein	AF123320.1	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
898	heat shock 60kD protein 1 (chaperonin) (HSPD1	NM_002156.1	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5
899	lysosomal-associated membrane protein 2 (LAM	NM_013995.1	0	0.00%	4	0.02%	0	0.00%	1	0.01%	5
900	beta-COP	X82103	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
901	RAD23 (S. cerevisiae) homolog B (RAD23B)	NM_002874.1	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
902	t-complex polypeptide 1	X52882	1	0.01%	0	0.00%	2	0.02%	2	0.01%	5
903	xeroderma pigmentosum group E UV-damaged	U32986.1	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
904	CGI-121 protein (LOC51002)	NM_016058.1	0	0.00%	0	0.00%	2	0.02%	3	0.02%	5
905	restin (Reed-Steinberg cell-expressed intermedia	NM_002956.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
906	sarcoglycan, beta (43kD dystrophin-associated c	NM_000232.1	2	0.01%	1	0.01%	2	0.02%	0	0.00%	5
907	Actinin-alpha	X55187.1	0	0.00%	0	0.00%	0	0.00%	5	0.04%	5
908	cytoplasmic beta-actin	M10277	2	0.01%	2	0.01%	0	0.00%	1	0.01%	5
909	MEMA protein	Y09703.1	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5

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910	moesin (MSN)	NM_002444.1	2	0.01%	3	0.02%	0	0.00%	0	0.00%	5
911	tubulin-specific chaperone a (TBCA) (=AF03895	gi4759211	2	0.01%	1	0.01%	1	0.01%	1	0.01%	5
912	myosin class I, myh-1c	AJ001382	1	0.01%	1	0.01%	0	0.00%	3	0.02%	5
913	oligodendrocyte myelin glycoprotein (OMG)	L05367	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
914	activin A receptor, type I (ACVR1) =Z22534 ALK	NM_001105.1	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
915	CD81 antigen (target of antiproliferative antibody	NM_004356.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
916	CDA14 (RefSeq aa 2e-31)	NP_057654.1	0	0.00%	4	0.02%	0	0.00%	1	0.01%	5
917	mannose 6-phosphate receptor, 46 kD (MPR46)	X56257	1	0.01%	0	0.00%	2	0.02%	2	0.01%	5
918	secreted frizzled-related protein 1 (SFRP1)	NM_003012.2	1	0.01%	4	0.02%	0	0.00%	0	0.00%	5
919	calcineurin A2	M29551	2	0.01%	0	0.00%	2	0.02%	1	0.01%	5
920	activin beta-A subunit (=cDNA FLJ11041 fis, clc	X57580.1	0	0.00%	0	0.00%	2	0.02%	3	0.02%	5
921	insuline-like growth factor II receptor	Y00285	4	0.03%	0	0.00%	1	0.01%	0	0.00%	5
922	calcium modulating cyclophilin ligand CAMLG (C	AF068179.1	1	0.01%	3	0.02%	1	0.01%	0	0.00%	5
923	polycystic kidney disease 2 (autosomal dominan	NM_000297.1	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
924	Thy-1 glycoprotein	M11749	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
925	histone (H2A.Z)	M37583	0	0.00%	0	0.00%	0	0.00%	5	0.04%	5
926	histone H4	X67081	0	0.00%	0	0.00%	0	0.00%	5	0.04%	5
927	M-phase phosphoprotein homologue	AF100742.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
928	cell division cycle 27 (CDC27)	NM_001256.1	0	0.00%	4	0.02%	1	0.01%	0	0.00%	5
929	GTP-binding protein (RAB1)	M28209	0	0.00%	1	0.01%	0	0.00%	4	0.03%	5
930	prefoldin 4 (PFDN4)	gi4505740	1	0.01%	0	0.00%	0	0.00%	4	0.03%	5
931	replication factor C (activator 1) 1 (145kD) (RFC	NM_002913.1	3	0.02%	1	0.01%	0	0.00%	1	0.01%	5
932	replication protein A3 (14kD) (RPA3)	NM_002947.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
933	anaphase promoting complex subunit 10	AF132794.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
934	KIAA0075	D38550.1	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5
935	KIAA0336 gene	NM_014635.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
936	KIAA0527	AB011099.1	1	0.01%	3	0.02%	0	0.00%	1	0.01%	5
937	KIAA0573	AB011145	0	0.00%	1	0.01%	3	0.02%	1	0.01%	5
938	KIAA0610	AB011182	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
939	KIAA0810	AB018353.1	2	0.01%	1	0.01%	2	0.02%	0	0.00%	5
940	KIAA1073	AB028996.1	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
941	PTD011	AF078864	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
942	retrovirus-related hypothetical protein II (=X5223	S23650	1	0.01%	3	0.02%	0	0.00%	1	0.01%	5
943	SRY (sex-determining region Y)-box 5 (SOX5)	NM_006940.1	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
944	YEA1 (YY1 and E4TF1 associated factor 1)	AB029551.1	2	0.01%	2	0.01%	1	0.01%	0	0.00%	5
945	glucan (1,4-alpha-), branching enzyme 1(ORF)(c	NM_000158.1	0	0.00%	2	0.01%	2	0.02%	1	0.01%	5
946	hexokinase 1 (HK1) (=AF016365;X66957)	M75126	3	0.02%	1	0.01%	1	0.01%	0	0.00%	5
947	fatty acid binding protein 5 (psoriasis-associated	NM_001444.1	2	0.01%	1	0.01%	2	0.02%	0	0.00%	5
948	oxysterol-binding protein	AB017026	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
949	ubiquinol-cytochrome c reductase core protein II	NM_003366.1	2	0.01%	1	0.01%	1	0.01%	1	0.01%	5
950	amino acid transporter system A (ATA2) (=AB03	AF249673.1	0	0.00%	3	0.02%	2	0.02%	0	0.00%	5
951	Arginine-rich protein (ARP)	NM_006010.1	1	0.01%	0	0.00%	1	0.01%	3	0.02%	5
952	translation initiation factor (=D21853 hypotherica	X79538	1	0.01%	2	0.01%	0	0.00%	2	0.01%	5
953	proteasome (prosome macropain) beta type, 4 (f	NM_002796.1	1	0.01%	4	0.02%	0	0.00%	1	0.01%	5
954	proteasome (prosome, macropain) 26Ssubunit,	NP_002794.1	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
955	PEX10 peroxisome biogenesis factor (peroxin) 1	AB013818.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
956	DNA-dependent protein kinase catalytic subunit	U47077.3	3	0.02%	1	0.01%	1	0.01%	0	0.00%	5
957	putative translation initiation factor(RefSeq aa 4e	NP_005792.1	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
958	transcription factor forkhead-like 7 (FKHL7) ger	AF048693.1	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5
959	polyadenylate binding protein-interacting protein	NM_006451.1	0	0.00%	1	0.01%	3	0.02%	1	0.01%	5
960	protein-L-isoaspartate (D-aspartate) O-methyltra	NM_005389.1	0	0.00%	0	0.00%	3	0.02%	2	0.01%	5
961	CGI-130 protein	AF151888.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
962	endocytic receptor (macrophage mannose recep	NM_006039.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
963	glucocorticoid receptor AF-1 specific elongation	AF174496.1	3	0.02%	2	0.01%	0	0.00%	0	0.00%	5
964	thrombospondin 3 (THBS3) (RefSeq aa 3e-59)	NP_009043.1	1	0.01%	4	0.02%	0	0.00%	0	0.00%	5
965	cyclin G2	U47414	0	0.00%	1	0.01%	1	0.01%	3	0.02%	5
966	nucleolar phosphoprotein p130 (P130)	NM_004741.1	2	0.01%	3	0.02%	0	0.00%	0	0.00%	5

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967	polymerase (RNA) II polypeptide G (POLR2G)	NM_002696.1	1	0.01%	3	0.02%	0	0.00%	1	0.01%	5
968	KIAA0433 (ORF)	AB007893	0	0.00%	3	0.02%	0	0.00%	2	0.01%	5
969	KIAA0729	AB018272.1	0	0.00%	1	0.01%	2	0.02%	2	0.01%	5
970	KIAA1038	AB028961	0	0.00%	0	0.00%	1	0.01%	4	0.03%	5
971	KIAA1058 protein	AB028981.1	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
972	lipoma preferred partner (LPP) gene, exon 11, ar	U49968.1	0	0.00%	2	0.01%	3	0.02%	0	0.00%	5
973	prostate cancer tumor suppressor (N33)	NM_006765.1	1	0.01%	2	0.01%	0	0.00%	2	0.01%	5
974	protein S alpha gene (PROS1)	M36564	0	0.00%	2	0.01%	3	0.02%	0	0.00%	5
975	NADH-UBIQUINONE OXIDOREDUCTASE CHA	spP03901	0	0.00%	3	0.02%	1	0.01%	1	0.01%	5
976	ribosomal protein L36 60S	AF077043	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
977	peptidylprolyl isomerase A (cyclophilin A) (PPIA)	Hs.342389	1	0.01%	3	0.02%	0	0.00%	1	0.01%	5
978	calpobindin II= ANNEXIN VI	D00510.1	5	0.04%	0	0.00%	0	0.00%	0	0.00%	5
979	thioredoxin peroxidase (antioxidant enzyme) (AC	NM_006406.1	3	0.02%	0	0.00%	1	0.01%	1	0.01%	5
980	cytoskeletal tropomyosin TM30(nm)	X04588.1	1	0.01%	2	0.01%	1	0.01%	1	0.01%	5
981	LIV-1 protein, estrogen regulated (LIV-1) (=U410	7106340	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
982	dehydrogenase subunit 4 (RefSeq aa 3e-34)	gi5835397	0	0.00%	5	0.03%	0	0.00%	0	0.00%	5
983	phosphoglycerate mutase 1 (brain) (PGAM1), m	Hs.181013	2	0.01%	1	0.01%	0	0.00%	2	0.01%	5
984	ribosomal RNA 16S gene	AF036006.1	0	0.00%	0	0.00%	4	0.03%	1	0.01%	5
985	Zn-15 transcription factor (Zfp-15) (=AB011102	AF017806	2	0.01%	2	0.01%	1	0.01%	0	0.00%	5
986	tetraspan TM4SF(TSPAN-6)	AF053453	1	0.01%	1	0.01%	0	0.00%	3	0.02%	5
987	CGI-119 protein (LOC51643), mRNA /cds=(0,77	Hs.283670	0	0.00%	2	0.01%	0	0.00%	3	0.02%	5
988	laminin, gamma 1 (formerly LAMB2) (LAMC1),	NM_002293.2	1	0.01%	4	0.02%	0	0.00%	0	0.00%	5
989	Rosenthal fiber protein (alpha-B-Crystallin)	M24906	1	0.01%	1	0.01%	1	0.01%	2	0.01%	5
990	BPTF mRNA for bromodomain PHD finger trans	AB032251.1	0	0.00%	2	0.01%	1	0.01%	2	0.01%	5
991	nucleosome assembly protein 1-like 1 (NAP1L1)	XM_047969.1	3	0.02%	1	0.01%	1	0.01%	0	0.00%	5
992	alpha subunit of GsGTP binding protein (GSA)	X56009	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
993	ring finger protein 4 (RNF4)	gi4506560	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
994	small nuclear ribonucleoprotein polypeptide E (S	NM_003094.1	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
995	ATP synthase, H transporting, mitochondrial FO	NM_001688.1	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
996	capping protein (actin filament) muscle Z-line, al	NM_006136.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
997	TSE1=protein kinase A regulatory subunit	S54711	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
998	proteasome (prosome, maCRopain) subunit, bet	NM_002795.1	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
999	Hmob33 protein	Y14155.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1000	transmembrane 9 superfamily member 2 (TM9S	NM_004800.1	1	0.01%	0	0.00%	3	0.02%	0	0.00%	4
1001	procollagen C-proteinase enhancer protein, type	AB008549	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1002	differentiated embryo chondrocyte expressed ge	AB004066	1	0.01%	0	0.00%	3	0.02%	0	0.00%	4
1003	trinucleotide repeat containing 3 (TNRC3)	NM_005878.1	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1004	MHC class I (HLA-A)	U59701	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1005	glutathione S-transferase M3 (brain) (GSTM3)	NM_000849.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1006	muscle specific gene M9 (=PTD001)	BAA76626.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1007	platelet-derived growth factor receptor-like (PDG	NM_006207.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1008	COBW-like placental protein	AF065414	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1009	SUMO-1-specific protease (KIAA0797)	NM_015571.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1010	p58/GTA (galactosyltransferase associated prot	M37712.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1011	lysophospholipase I (LYPLA1)	NM_006330.1	0	0.00%	0	0.00%	2	0.02%	2	0.01%	4
1012	proteasome (prosome, macropain) subunit, beta	NM_002799.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1013	chaperonin containing TCP1, subunit 8 (theta) (C	NM_006585.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1014	Sec23 (S. cerevisiae) homolog A (RefSeq aa 5e	NP_006355.1	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1015	Translocon associated protein gamma subunit	spQ9UNL2	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1016	nuclear factor (erythroid-derived 2)-like 2 (NFE2L	gi5453775	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1017	RAP1A, member of RAS oncogene family (RAP	NM_002884.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1018	RNaseP protein p30 (RPP30)	U77665	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1019	glutathione S-transferase P1c (GSTp1c)	U62589.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1020	collagen type XV alpha 1 (COL15A1)	L25280	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1021	myosin-binding protein C, cardiac (MYBPC3)	NM_000256.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1022	secreted frizzled-related protein 4 (SFRP4)	NM_003014.2	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1023	IQ motif containing GTPase activating protein 1	NM_003870.1	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4



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1024	cadherin 13, H-cadherin (heart) (CDH13)	NM_001257.1	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1025	Death associated protein 3 (DAP3)	NM_004632.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1026	enhancer of polycomb (Epc1)	AF079765	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1027	mesenchyme homeo box 2 (growth arrest-speci	NM_005924.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1028	nucleolar autoantigen	NM_006455.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1029	ADP/ATP carrier protein (ANT-2) gene	L78810.1	1	0.01%	0	0.00%	3	0.02%	0	0.00%	4
1030	S100 calcium-binding protein, beta (neural) (S10	NM_006272.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1031	3-phosphoglycerate dehydrogenase (PGAD)	NM_006623.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1032	phosphoinositol 3-phosphate binding protein-1 (P	NM_020904.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1033	Dimethyladenosine transferase (HSA9761)	NM_014473.1	1	0.01%	0	0.00%	0	0.00%	3	0.02%	4
1034	fatty acid-Coenzyme A ligase, long-chain 4 (FAC	NM_004458.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1035	phosphatidic acid phosphatase 2b (PPAP2B)	AB000889	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1036	ATP synthase, H transporting, mitochondrial FO	NM_004889.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1037	cytochrome c oxidase subunit Vb (coxVb)	M19961	1	0.01%	1	0.01%	2	0.02%	0	0.00%	4
1038	methylenetetrahydrofolate dehydrogenase- meth	J04031	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1039	methyl-CpG binding domain protein 2 (MBD2), tr	gi7710146	1	0.01%	0	0.00%	0	0.00%	3	0.02%	4
1040	proteasome (prosome, macropain) subunit, alph	NM_002787.1	1	0.01%	0	0.00%	2	0.02%	1	0.01%	4
1041	hypoxia-inducible protein 2 (HIG2)	NM_013332.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1042	CAAX box 1 (CXX1)	U4503180	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1043	forkhead box O1A (rhabdomyosarcoma) (FOXO	NM_002015.1	0	0.00%	3	0.02%	1	0.01%	0	0.00%	4
1044	heterogeneous nuclear protein similar to rat heli	NM_005758.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1045	Golgi vesicular membrane trafficking protein p18	gi5031610	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1046	hect domain and RLD 2 (HERC2) (=KIAA0393)	NM_004667.2	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1047	collagen type IV alpha (2) chain	X05610.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1048	cofilin isoform 1	AF134802	0	0.00%	0	0.00%	2	0.02%	2	0.01%	4
1049	myosin IXA (MYO9A)	NM_006901.1	0	0.00%	3	0.02%	1	0.01%	0	0.00%	4
1050	fukutin	AB038490.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1051	G protein-coupled receptor 64 (GPR64)	NM_005756.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1052	germline T-cell receptor beta chain	U66061	1	0.01%	0	0.00%	2	0.02%	1	0.01%	4
1053	signal sequence receptor, alpha (translocon-ass	NM_003144.2	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1054	signal sequence receptor, beta (translocon-asso	X74104	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1055	SH3 domain binding glutamic acid-rich protein III	NM_003022.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1056	neuroendocrine-specific protein-like protein 1 (N	AF119297.1	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1057	ARFGAP1 protein (ARFGAP1)	AF111847.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1058	gelsolin, plasma (GSN)	X04412	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1059	integrin cytoplasmic domain associated protein (	AF012023	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1060	integrin, alpha E (antigen CD103, human mucos	NM_002208.3	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1061	acidic 82 kDa protein	U15552	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1062	BUP	AF078848.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1063	C90RF3	AF043897.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1064	chondrosarcoma-associated protein 2 (CSA2)	AF182645.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1065	density regulated protein drp1	AF038554.1	1	0.01%	0	0.00%	0	0.00%	3	0.02%	4
1066	E2IG5	AF191020	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1067	housekeeping (Q1Z 7F5) gene	M81806.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1068	HSPC039 protein	AF125100.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1069	HSPC139	AF161488.1	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1070	HSPC213 (=HSPC327)	AAF36133.1	0	0.00%	0	0.00%	2	0.02%	2	0.01%	4
1071	KIAA0022	BAA03498.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1072	KIAA0136	D50926.1	2	0.01%	1	0.01%	0	0.00%	1	0.01%	4
1073	KIAA0232	D86985.2	1	0.01%	0	0.00%	0	0.00%	3	0.02%	4
1074	KIAA0235	D87078	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1075	KIAA0251	D87438	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1076	KIAA0252	D87440	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1077	KIAA0256	D87445	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1078	KIAA0276	D87466	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1079	KIAA0429	AB007889	0	0.00%	1	0.01%	3	0.02%	0	0.00%	4
1080	KIAA0477	AB007946.1	0	0.00%	3	0.02%	1	0.01%	0	0.00%	4



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1081	KIAA0660	AB014560	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1082	KIAA0671	AB014571.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1083	KIAA0693	AB014593	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1084	KIAA0971	AB023188.1	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1085	KIAA1102	AB029025.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1086	KIAA1354	AB037775	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1087	KIAA1376 protein	AB037797.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1088	KIAA1380 protein	AB037801.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1089	KIAA1451 protein	AB040884	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1090	mesenchymal stem cell protein DSC92 (LOC51313)	NM_016645.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1091	nickel-specific induction protein (Cap43)	AF004162.1	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1092	NifU-like protein (hNifU)	U47101	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1093	Nuclear antigen Sp100 (SP100)	NM_003113.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1094	PRO1608	AF119850.1	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1095	PRO1828	AF116669.1	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1096	promyelocytic leukemia cell	M11948	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1097	squamous cell carcinoma antigen recognized by T cells 1 (SCCA1)	NM_013352.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1098	STAT-induced STAT inhibitor-2	AF037989	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1099	vesicle transport-related protein	AF110646.1	0	0.00%	1	0.01%	3	0.02%	0	0.00%	4
1100	phosphoglucomutase 1 (PGM1)	M83088	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1101	transaldolase	L19437.2	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1102	nucleotide binding protein, estradiol-induced (E2BP)	NM_014366.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1103	PDNP1 gene (nucleotide pyrophosphatase)	AF110304.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1104	phosphoribosyl pyrophosphate synthetase subunit 1 (PRPS1)	D00860.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1105	dihydrolipoamide dehydrogenase	J03620	1	0.01%	0	0.00%	0	0.00%	3	0.02%	4
1106	lecithin-cholesterol acyltransferase (LCAT)	X04981.1	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1107	phosphatase 1, catalytic subunit, gamma isoform (PTG1G)	NM_002710.1	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1108	phospholipid sCRamblase 1 PLSCR1)	AF098642	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1109	serine palmitoyl transferase	AF111168.2	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1110	cytochrome oxidase subunit I (COI) and subunit II (COII)	AF035429.1	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1111	cytochrome-c oxidase subunit VIIaL precursor (COX7aL)	AF134406.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1112	electron-transfer-flavoprotein, beta polypeptide (ETF-B)	X71129	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1113	NADH-ubiquinone oxidoreductase B17	AF067167.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1114	ubiquinol-cytochrome c reductase (6.4kD) subunit 1 (UCR1)	NM_006830.1	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1115	acidic protein rich in leucines (SSP29)	NM_006401.1	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1116	Lysyl tRNA Synthetase	D32053.1	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1117	methionine aminopeptidase	U29607	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1118	eIF4E-like cap-binding protein (4EHP) (=translational initiation factor 4E)	NM_004846.1	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1119	proteasome-associated pad1 homologue (POH1)	U86782	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1120	wbsCR1 (WBSCR1)	AF045555.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1121	basic transcription factor 3 (RefSeq aa 4e-39)	NP_001198.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1122	isolate 5 12S ribosomal RNA gene	AF121220.1	0	0.00%	3	0.02%	1	0.01%	0	0.00%	4
1123	cathepsin F (CATSF)	AF071749	2	0.01%	1	0.01%	0	0.00%	1	0.01%	4
1124	metalloproteinase inhibitor TIMP-2	AF127803.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1125	protease inhibitor 6 (placental thrombin inhibitor)	NM_004568.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1126	proteasome (prosome, macropain) subunit, alpha type 1 (PSMA1)	NM_002788.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1127	proteasome subunit Y (=X61971 maCRopain subunit 1)	D29012	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1128	protein activator of the interferon-induced protein kinase 1 (PACT)	AF072860	2	0.01%	0	0.00%	2	0.02%	0	0.00%	4
1129	peptidylprolyl isomerase F (cyclophilinF) (RefSeq aa 4e-39)	NP_005720.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1130	CCAAT/enhancer binding protein (C/EBP), delta	4885130	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1131	CLP (CLPP)	L54057.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1132	necdin	AB007828	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1133	oxidoreductase UCPA (RefSeq aa 4e-82)	NP_064524.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1134	ring finger protein (C3H2C3 type) 6 (RNF6)	NM_005977.1	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1135	TPRC (=X97124 papillary renal cell carcinoma (tumor) protein)	X99720	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1136	trinucleotide repeat DNA binding protein p20-CG	AF094481	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1137	twist gene	Y10871.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4

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1138	Zinc finger protein expressed in cerebellum (KFN1)	NM_005667.1	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1139	glycyl-tRNA synthetase; glycine tRNA ligase (Rel)	NP_002038.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1140	heterogeneous nuclear ribonucleoprotein H3 (2H)	NM_021644.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1141	heterogenous nuclear RNA W16W	X17272	0	0.00%	0	0.00%	4	0.03%	0	0.00%	4
1142	nuclear matrix protein 55	U89867.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1143	RNA binding motif protein 3 (RBM3) (=U28686)	5803136	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1144	RNA binding motif protein 5 (RBM5)	AF091263.1	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1145	snRNP protein B	X17567	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1146	splicing factor 3b, subunit 2, 145kD (SF3B2)	NM_006842.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1147	splicing factor, arginine/serine-rich 4 (SFRS4)	NM_005626.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1148	U13 snRNA pseudogene U13.4B	X58062.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1149	MIL1 protein (MIL1), nuclear gene encoding mitc	NM_015367.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1150	HLA class-I (HLA-A26) heavy chain	D32129.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1151	antigen identified by monoclonal antibodies 12E	NM_002414.1	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1152	DNAJ domain-containing protein MCJ (MCJ)	AF126743.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1153	hepatocellular carcinoma-associated antigen 33	AF244137.1	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1154	sperm antigen-36	AF187554.1	0	0.00%	0	0.00%	2	0.02%	2	0.01%	4
1155	Tax1 (human T-cell leukemia virus type I) bindin	NM_006024.2	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1156	isolate Liv chaperone protein HSP90 beta (HSP9	AF275719.1	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1157	membrane component, chromosome 11, surface	NM_005898.1	2	0.01%	1	0.01%	0	0.00%	1	0.01%	4
1158	putative transmembrane protein E3-16	AF092128.1	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1159	tetraspan TM4SF (TSPAN-2)	AF054839.1	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1160	coagulation factor XIII, A1 polypeptide (F13A1)	NM_000129.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1161	platelet-activating factor acetylhydrolase, isoform	4557740	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1162	transferrin receptor (TFRC) gene	AF187320	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1163	divalent cation tolerant protein CUTA (LOC5159	7706243	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1164	CGI-120 protein (LOC51644)	NM_016057.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1165	CGI-127 protein	AF151885.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1166	CGI-139 protein (=AF078858 PTD003)	AF151897.1	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1167	CGI-31 protein (LOC51075),	NM_015959.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1168	CGI-34 protein	AF132968.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1169	CGI-39 protein	AF132973.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1170	CGI-74 protein	AF151832.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1171	echinoderm miCRotubule-associated protein hor	U97018	3	0.02%	1	0.01%	0	0.00%	0	0.00%	4
1172	pericentrin (Pcnt)	U05823	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1173	MLL septin-like fusion protein MSF-A	AF189713.2	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1174	nebulin (NEBL)	Y16241	0	0.00%	2	0.01%	2	0.02%	0	0.00%	4
1175	myosin light chain 2	NM_013292.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1176	coxsackievirus and adenovirus receptor (CXADR	AF200465.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1177	discoidin domain receptor family, member 2 (DD	NM_006182.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1178	epidermal growth factor receptor, precursor	X00588	0	0.00%	0	0.00%	4	0.03%	0	0.00%	4
1179	insulin receptor	L07782	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1180	leptin receptor (ORF)	U66496	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1181	microvascular endothelial differentiation gene 1	AB026908.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1182	vanilloid receptor; CARL and CTNS; TIP1; P2X	AF168787.1	2	0.01%	0	0.00%	1	0.01%	1	0.01%	4
1183	vitellogenin-associated protein VIT-1 (VIT1) (=DKFZp	AF264714.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1184	epithelial protein lost in neoplasm beta (EPLIN)	NM_016357.1	0	0.00%	0	0.00%	3	0.02%	1	0.01%	4
1185	mitogen-activated protein kinase 3 (MAP4K3)	4506376	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1186	protein-kinase, interferon-inducible double strand	NP_006251.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1187	ser-thr protein kinase PK428	U59305	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1188	signal transducer and activator of transcription 1	NM_007315.1	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1189	angiopoietin-like 1 (ANGPTL1)	NM_004673.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1190	lens epithelium-derived growth factor gene, alter	AF199339.1	1	0.01%	0	0.00%	3	0.02%	0	0.00%	4
1191	transforming growth factor-beta 3 (TGF-beta 3)	X14891	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1192	uncharacterized hypothalamus protein HARP11	NM_018477.1	1	0.01%	0	0.00%	2	0.02%	1	0.01%	4
1193	calcium channel alpha1E subunit (CACNA1E) g	AF223391.1	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1194	multiple PDZ domain protein (MPDZ) = AF0934	NM_003829.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4

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1195	heterochromatin-like protein 1 (HECH)	NM_016587.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1196	high-glucose-regulated protein 8 (HGRG8)	AF192968.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1197	BM-001 (=cyclin L ania-6a)	AF208843.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1198	caltractin (20kD calcium-binding protein) (CALT)	NM_004344.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1199	cullin 1 (CUL1)+D1167	AF062536.1	0	0.00%	1	0.01%	3	0.02%	0	0.00%	4
1200	cyclin D2(=KIAK0002 gene)	NM_001759.1	2	0.01%	1	0.01%	0	0.00%	1	0.01%	4
1201	M phase phosphoprotein 10	X98494	0	0.00%	0	0.00%	4	0.03%	0	0.00%	4
1202	prefoldin 1 (PFDN1)	NM_002622.1	1	0.01%	2	0.01%	0	0.00%	1	0.01%	4
1203	brain cellular apoptosis susceptibility protein (CS)	AF053641	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1204	p66shc (SHC)	U73377.1	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1205	adrenomedullin (ADM)	NM_001124.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1206	BUB3 (budding uninhibited by benzimidazoles 3	NM_004725.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1207	proto-oncogene tyrosine-protein kinase (ABL) ge	U07563.1	1	0.01%	0	0.00%	2	0.02%	1	0.01%	4
1208	tumor endothelial marker 8 (TEM8)	AF279145.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1209	hypothetical protein (RefSeq aa 5e-76)	NP_057578.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1210	KIAA0206	D86961	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1211	KIAA0877	AB020684	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1212	KIAA0993	AB023210.1	1	0.01%	2	0.01%	0	0.00%	2	0.01%	4
1213	KIAA1436 protein	AB037857.1	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1214	P311 protein (P311), mRNA /cds=(202,408) /gb=	Hs.142827	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1215	small EDRK-rich factor 1, long isoform (SERF1)	AF073519.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1216	v-yes-1 Yamaguchi sarcoma viral oncogene hon	NM_005433.1	1	0.01%	0	0.00%	2	0.02%	1	0.01%	4
1217	vacuolar ATPase isoform VA68	AF113129.1	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1218	deoxyuridine triphosphatase(DUT) mRNA, comp	U62891.1	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1219	steroid dehydrogenase homolog	AF078850.1	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1220	sterol carrier protein-X/sterol carrier protein-2 (S	U11313.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1221	translin	X78627	2	0.01%	0	0.00%	1	0.01%	1	0.01%	4
1222	ribosomal protein L36a (RefSeq aa 1e-54)	NP_000992.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1223	calpain-like protease (CANPX)	NM_014289.1	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1224	cysteinyl-IRNA synthetase	L06845.1	2	0.01%	1	0.01%	0	0.00%	1	0.01%	4
1225	ubiquitin-like 3 (UBL3)	NM_007106.1	0	0.00%	3	0.02%	1	0.01%	0	0.00%	4
1226	YY1 transcription factor (YY1)	NM_003403.2	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1227	SR protein (RNPS1)	AF015608.1	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1228	major histocompatibility complex, class II, DR al	NP_061984.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1229	epb72	X85117	0	0.00%	0	0.00%	2	0.02%	2	0.01%	4
1230	putative type II membrane protein (HP10390), (C	NM_014255.1	2	0.01%	0	0.00%	2	0.02%	0	0.00%	4
1231	metallothionein 1X (MT1X) gene	X65607.1	0	0.00%	3	0.02%	0	0.00%	1	0.01%	4
1232	ionizing radiation resistance conferring protein (=	U18321	2	0.01%	0	0.00%	1	0.01%	1	0.01%	4
1233	CGI-116 protein(LOC51019)(ORF)= AF155655	NM_016053.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1234	actin2	D12816.1	0	0.00%	0	0.00%	0	0.00%	4	0.03%	4
1235	tropomyosin	M19267	2	0.01%	0	0.00%	1	0.01%	1	0.01%	4
1236	integral membrane protein 2B (ITM2B), mRNA /c	Hs.239625	0	0.00%	1	0.01%	0	0.00%	3	0.02%	4
1237	inactive progesterone receptor, 23 kD (P23) = L	NM_006601.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1238	RAN binding protein 1 (RANBP1), low match	NM_002882.2	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1239	voltage-dependent anion channel isoform 1 (VD	L06132	3	0.02%	0	0.00%	1	0.01%	0	0.00%	4
1240	histone acetyltransferase 1	AF030424	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4
1241	Nijmegen breakage syndrome 1 (nibrin) (NBS1)	NM_002485.2	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1242	apoptosis-related protein TFAR15 (TFAR15)	AF022385	0	0.00%	1	0.01%	3	0.02%	0	0.00%	4
1243	septin 2-like cell division control protein	AF146760.1	0	0.00%	1	0.01%	1	0.01%	2	0.01%	4
1244	tumor antigen (L6)	M90657.1	2	0.01%	2	0.01%	0	0.00%	0	0.00%	4
1245	hypothetical 43.2 Kd protein (RefSeq aa 7e-35)	NP_057050.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1246	KIAA0592 (ORF)	AB011164	1	0.01%	1	0.01%	0	0.00%	2	0.01%	4
1247	KIAA0829	AB020636	0	0.00%	0	0.00%	1	0.01%	3	0.02%	4
1248	KIAA1265	AB033091	1	0.01%	0	0.00%	1	0.01%	2	0.01%	4
1249	murine mammary tumor integration site 6(oncog	NP_001559.1	0	0.00%	4	0.02%	0	0.00%	0	0.00%	4
1250	PC3 cell line (TL27)	X75684.1	1	0.01%	3	0.02%	0	0.00%	0	0.00%	4
1251	small acidic protein (IMAGE145052)	NM_014267.1	0	0.00%	1	0.01%	2	0.02%	1	0.01%	4

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1252	lysophospholipase (LPL1)	AF081281	1	0.01%	1	0.01%	0	0.00%	3	0.02%	4
1253	mitochondrial ATP synthase subunit 9	U09813	2	0.01%	0	0.00%	0	0.00%	2	0.01%	4
1254	hXBP-1 transcription factor DNA (=TREB protein	L13850.1	0	0.00%	2	0.01%	1	0.01%	1	0.01%	4
1255	zinc finger protein(MAZ)	M94046	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1256	KARP-1-binding protein 3 (=KIAA0470)	AB022659.1	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1257	miCROfibril-associated glycoprotein (MFAP2)	U19718	4	0.03%	0	0.00%	0	0.00%	0	0.00%	4
1258	smooth muscle myosin alkali light chain	U02629.1	2	0.01%	1	0.01%	1	0.01%	0	0.00%	4
1259	novel growth factor receptor	M64347	3	0.02%	0	0.00%	0	0.00%	1	0.01%	4
1260	inducible 6-phosphofructo-2-kinase/fructose 2,6-	AF056320	1	0.01%	1	0.01%	1	0.01%	1	0.01%	4
1261	GTPase activating protein (rap1GAP)	M64788	2	0.01%	0	0.00%	1	0.01%	1	0.01%	4
1262	chromodomain helicase DNA binding protein 1 (	NP_001261.1	0	0.00%	2	0.01%	0	0.00%	2	0.01%	4
1263	topoisomerase IIb mRNA,(= TOP2 mRNA for DN	U54831.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1264	CUG triplet repeat,RNA-binding protein 2 (CUG	NM_006561.1	1	0.01%	2	0.01%	1	0.01%	0	0.00%	4
1265	retinoblastoma 1 (including osteosarcoma) (RB1	NM_000321.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1266	lectin, galactoside-binding, soluble, 3 (galactin 3	NM_002306.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1267	guanine nucleotide binding protein (G protein), a	NM_006496.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1268	protein phosphatase 2A B56-epsilon (PP2A)	L76703	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1269	COX VIa-L cytochrome c oxidase liver-specific s	X15341.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1270	VDUP1 upregulated by 1,25-dihydroxyvitamin D	NM_006472.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1271	reticulocalbin 1, EF-hand calcium binding domai	NM_002901.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1272	NADH dehydrogenase (ubiquinone) 1 beta subc	NM_002492.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1273	translation initiation factor A121/Sui1 (A121/SUI	AF100737	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1274	proteasome (prosome macropain) 26S subunit,	NM_002802.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1275	integrin, beta 5 (ITGB5)	NM_002213.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1276	plasma membrane calcium ATPase isoform 1 (A	L14561	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1277	mannosidase, alpha, class 1A, member 2 (MAN	NM_006699.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1278	delta-like homolog (Drosophila) (DLK1)(= adrene	NM_003836.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1279	FAT tumor suppressor (Drosophila) homolog	NP_005236.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1280	FUS glycine rich protein	X71428.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1281	eukaryotic translation elongation factor 1 delta (	NM_001960.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1282	ubiquitin-conjugating enzyme E2	AB017644.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1283	thyroid hormone receptor interactor 12 (TRIP12)	NM_004238.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1284	IMP (inosine monophosphate)dehydrogenase 2	NM_000884.1	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1285	major histocompatibility complex, class II, DR be	NM_002124.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1286	DNA topoisomerase II (TOP2)	Z15115	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1287	laminin, beta 1 (LAMB1)	NM_002291.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1288	hum-a-tub1 alpha-tubulin	AF141348.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1289	nerve growth factor (HBNF-1)(= OSF-1)(= pleioti	M57399.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1290	ras-related C3 botulinum toxin substrate (rac)	M29870	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1291	voltage dependent anion channel form 3 (=AF0	U90943	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1292	polymerase (DNA directed) delta 2, regulatory su	NM_006230.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1293	guanylate binding protein isoform II (GBP-2)	M55543	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1294	HSPC328	AF161446.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1295	spinocerebellar ataxia 1(olivopontocerebellar at	NM_000332.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1296	ATP-binding cassette, sub-family A (ABC1), mer	6005701	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1297	galactosidase, alpha (GLA)	NM_000169.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1298	glucose regulated protein, 58kD (GRP58)	NM_005313.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1299	dihydrodiol dehydrogenase 2 (trans-1,2-dihydro	NP_001345.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1300	squalene epoxidase	D78129	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1301	CYTOCHROME C OXIDASE POLYPEPTIDE VI	spP15954	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1302	cytochrome c oxidase subunit III (RefSeq aa 1e-	gi5835394	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1303	methionine adenosyltransferase alpha subunit	L43509	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1304	Krueppel-related DNA-binding protein (PF4)	M61866	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1305	RING zinc finger protein (RZF)	AF037204	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1306	RNA helicase	AJ223948	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1307	Glutathione transferase omega (GSTO1)	AF212303.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1308	L-isoadipyl/D-aspartyl protein carboxyl methyl	M93009	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3

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1309	collagen type V alpha 1 (COL5A1)	D90279	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1310	interferon gamma receptor 2 (interferon gamma	5031782	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1311	nuclear receptor subfamily 3, group C, member	NM_000176.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1312	insulin-like growth factor binding protein-3	X64875	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1313	potassium channel modulatory factor (=DKFZp4	AF155652.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1314	cyclin protein	M15796	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1315	nuclear phosphoprotein similar to S. cerevisiae	NM_007062.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1316	COP9 complex subunit 4 (LOC51138)	NM_016129.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1317	endomembrane protein EMP70 precursor isologu	U95973	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1318	KIAA0695	AB014595	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1319	KIAA0769 gene product (KIAA0769)	NM_014824.1	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1320	neuronal protein	X79682	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1321	NRAS-related gene (D1S155E) (=DKFZp586J06	NM_007158.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1322	RAB13, member RAS oncogene family (RAB13)	NM_002870.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1323	retrotransposon 3' long terminal repeat	Z48633	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1324	sex-regulated protein janus A	S77099	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1325	ATPase, Ca transporting, cardiac muscle, slow	NM_001681.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1326	cysteine protease	D55696.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1327	protein-tyrosine-phosphatase G1	D13380.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1328	adipocyte acid phosphatase beta=phenylarsine	S62885.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1329	ATP SYNTHASE PROTEIN 8 (A6L)	P03928	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1330	hinge=OXPHOS system complex III	S61826	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1331	mitochondrial aldehyde dehydrogenase (ALDH I	Y00109	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1332	NADH dehydrogenase (ubiquinone) 1, subcomp	NM_002494.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1333	NADH dehydrogenase (ubiquinone) Fe-S protein	NM_004553.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1334	Na,K-ATPase beta subunit (ATP1B)	M25160	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1335	wingless-type MMTV integration site family, men	NM_004185.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1336	alpha-1-antichymotrypsin, precursor;actichymotr	NP_001076.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1337	cystatin C	X52255	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1338	proteasome (prosome, macropain) 26S subunit,	NM_002804.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1339	sorting nexin 2 (SNX2)	AF065482.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1340	DiGeorge syndrome critical region gene 6 (DGC	NM_005675.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1341	ubiquitin-conjugating enzyme E2L 3 (UBE2L3)	NM_003347.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1342	Cdc5-related protein (PCDC5RP) (=AB007892.1	U86753.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1343	CGI-99 protein = homeobox prox 1= AF100755.	AF151857	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1344	jun B proto-oncogene (JUNB)	NM_002229.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1345	mSin3A (sin3A)	U22394	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1346	retinoblastoma-binding protein 7 (RBBP7)	NM_002893.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1347	X-box binding protein 1 (RefSeq aa 3e-37)	NP_005071.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1348	zinc finger protein 133 (clone pHZ-13) (ZNF133)	NM_003434.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1349	dead box, X isoform (DBX)	AF000982.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1350	six transmembrane epithelial antigen of prostate	AF186249.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1351	coatamer protein complex, subunit beta 2 (beta	NM_004766.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1352	helicase II (RAD54L) (=ATRX)	U09820	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1353	topoisomerase (DNA) II alpha (170kD) (TOP2A)	NM_001067.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1354	cytochrome succinate dehydrogenase, small sub	AB026906.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1355	GTT1	AF270647	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1356	major histocompatibility locus class III regions H	AF109905	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1357	prenylated rab acceptor 1 (PRA1)	AF025506	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1358	CGI-49 protein	AF151807.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1359	spindle pole body protein spc98 homologue GC	AF042378	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1360	chondroitin sulfate proteoglycan 4 (melanoma-as	NM_001897.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1361	ankyrin G (ANK-3)	U13616.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1362	spectrin beta protein (pAZSP 3' end)	X91849.2	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1363	cold inducible RNA-binding protein (CIRBP)	NM_001280.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1364	lamin A	M13452	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1365	phosphatidylinositol glycan, class B (PIGB)	NM_004855.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3

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1366	interleukin 13 receptor alpha 1 (IL13RA1)	NM_001560.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1367	retinoic acid suppression protein A (RSG-A)	AF038964.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1368	CDC28 protein kinase 1 (RefSeq aa 4e-44)	NP_001817.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1369	latent transforming growth factor beta binding pr	NM_000428.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1370	fibroblast growth factor 7 (keratinocyte growth fa	NM_002009.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1371	PDZ domain containing-protein (PDZK1)	AF012281	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1372	stanniocalcin 1 (STC1)	NM_003155.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1373	fer-1 (C. elegans)-like 3 (FER1L3) (=AF182317	NM_013451.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1374	chromobox homolog 1(Drosophila HP1 beta) (Ch	NM_006807.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1375	telomeric repeat binding factor (TRF1)	U40705.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1376	prefoldin 2 (PFDN2)	NM_012394.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1377	15 kDa selenoprotein (SEP15), mRNA /cds=(4,4	Hs.90606	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1378	4F5rel	AF073298	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1379	androgen induced protein (AIG-1) (=AF151861 C	AF153605.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1380	antigen NY-CO-1 (NY-CO-1)	AF039687.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1381	ceroid-lipofuscinosis, neuronal 2, late infantile (J	NM_000391.2	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1382	CG3450 gene product [Drosophila melanogaster	AAF57398.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1383	ELK1 (ELK1)	AF080616	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1384	embryonic lung protein (HUEL)	AF006621.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1385	ENDOPLASMIN PRECURSOR (94 KD GLUCOS	spP14625	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1386	gene hY3 encoding a cytoplasmic Ro RNA	V00585.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1387	GS3955	D87119	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1388	HBV pX associated protein-8 (LOC51773)	NM_016578.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1389	HRIHFB2072 (=AF115778 M.musculus short coi	AB015335.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1390	HSPC004	AF070660	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1391	HSPC019	AF077205.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1392	HSPC033 protein (HSPC033)	NM_014041.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1393	HSPC037 protein (LOC51659)	NM_016095.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1394	HSPC158 protein (RefSeq aa 3e-87)	NP_054899.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1395	HSPC161	AF161510	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1396	HSPC162 protein (HSPC162)	NM_014183.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1397	HSPC218	AF151052.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1398	HSPC241	AF151075.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1399	HSPC275	AF161393	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1400	HSPC337	AF161455.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1401	HTGN29 protein (HTGN29)	NM_020199.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1402	hyperion gene	AJ010770	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1403	hypothetical protein (RefSeq aa 5e-73)	NP_057016.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1404	iduronate sulphate sulphatase (IDS) gene	L35485.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1405	KIAA0040	D25539	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1406	KIAA0065 (ZNF33A Kruppel-related)	D31763	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1407	KIAA0076	D38548	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1408	KIAA0081	D42039	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1409	KIAA0090	D42044	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1410	KIAA0099 protein, partial cds	D43951.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1411	KIAA0104	D14660.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1412	KIAA0121	D50911	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1413	KIAA0128	D50918	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1414	KIAA0146	D63480	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1415	KIAA0152 (cytotoxic T-cell membrane glycoprote	NM_014730.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1416	KIAA0170	D79992	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1417	KIAA0182 gene	D80004.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1418	KIAA0188	D80010	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1419	KIAA0205	D86960	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1420	KIAA0238	D87075	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1421	KIAA0255 gene	D87444	2	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1422	KIAA0261	D87450	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3

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1423	KIAA0262	D87451	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1424	KIAA0310 protein	AB002308.2	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1425	KIAA0379	AB002377	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1426	KIAA0419 gene product (KIAA0419)	NM_014711.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1427	KIAA0443 gene product	NM_014710.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1428	KIAA0458	AB007927.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1429	KIAA0461	AB007930	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1430	KIAA0484	AB007953.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1431	KIAA0537	AB011109	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1432	KIAA0642	AB014542	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1433	KIAA0666	AB014566	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1434	KIAA0692	AB014592.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1435	KIAA0696 protein	AB014596	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1436	KIAA0716	AB018259.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1437	KIAA0783	AB018326.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1438	KIAA0851 gene	AJ297357.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1439	KIAA0929 protein Msx2 interacting nuclear target	NM_015001.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1440	KIAA0936	AB023153.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1441	KIAA0958	AB023175.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1442	KIAA0965	AB023182.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1443	KIAA1162	AB032988.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1444	KIAA1212 protein	AB033038.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1445	KIAA1288	AB033114.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1446	KIAA1311	AB037732.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1447	KIAA1439	AB037860.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1448	KIAA1581	AB046801	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1449	L1 repetitive element ORF (aa 1e-23,75%)	B28096	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1450	MDS016 (MDS016)	AF182417.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1451	MO25 protein (LOC51719) (=cDNA FLJ20797 f	NM_016289.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1452	myeloid cell nuclear differentiation antigen	M81750	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1453	NDPP-1 protein	D10727.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1454	Nm23 protein, involved in developmental regulat	X17620	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1455	nuclear distribution gene C (A.nidulans) homolog	NM_006600.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1456	P13-kinase associated p85	M61906	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1457	PEG3 (=AB006625 hypothetical protein (KIAA02	U90336	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1458	peroxisomal acyl-CoA:dihydroxyacetonephosph	AF043937	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1459	PRO0657	AAF24054.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1460	PRO2550	AF130089	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1461	PTD015	AF092136.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1462	PTP1C/HCP gene	X82818.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1463	Rab geranylgeranyltransferase, beta subunit (R	NM_004582.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1464	retinal pigment epithelium	L07393.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1465	retinol-binding protein 4, interstitial (RBP4)	NM_006744.2	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1466	ribose-5-phosphate-epimerase, (ORF)	AJ224326	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1467	serologically defined colon cancer antigen 1 (SD	NM_004713.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1468	Sid3177	AB024935.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1469	snuportin-1 (KPNBL)	NM_005701.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1470	SON DNA binding protein isoform E (SON) mRN	Hs.92909	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1471	split hand/foot deleted gene 1	NP_033195.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1472	ST15	D50406.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1473	SUMO-1 activating enzyme subunit 2 (UBA2)	NM_005499.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1474	suppressor of G2 allele	NM_006704.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1475	TEB4 protein (=AB011169 KIAA0597)	AF009301	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1476	thiosulfate sulfurtransferase (rhodanese) (TST)	X59434	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1477	TL27 (from PC3 cell line)	X75684	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1478	translocated promoter region (to activated MET	NM_003292.1	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1479	WS-3	D84145.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3



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1480	WW domain binding protein-1 (ORF)	U79457.17	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1481	XIST	X56196	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1482	annexin A11 (ANXA11 gene)	AJ278465.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1483	ATPase, Na /K transporting, beta 3 polypeptide	NM_001679.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1484	channel-like integral membrane protein (AQP-1)	U41518.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1485	citrin (SLC25A13)	AF118838.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1486	X-linked phosphoglycerate kinase	M11968	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1487	aldehyde dehydrogenase 6 (ALDH6)	NM_000693.1	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1488	aldehyde reductase	J04794	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1489	dTDP-D-glucose 4, 6-dehydratase	AJ006068	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1490	platelet-type phosphofructokinase	D25328.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1491	MKP-1 like protein tyrosine phosphatase	AF038844	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1492	Gem GTPase (gem)	U10550	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1493	hypoxanthine phosphoribosyltransferase (HPRT)	M26434	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1494	plasma cell membrane glycoprotein (PC-1)	M57736.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1495	pyrophosphatase	Z48605	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1496	acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl-CoA synthetase 4 (ACS4)	gi5174388	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1497	acyl-CoA synthetase 4 (ACS4)	AF030555	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1498	acyl-Coenzyme A dehydrogenase, very long chain	NM_000018.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1499	L3 pigment (L3)	AF189062.3	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1500	leukotriene A-4 hydrolase	J02959	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1501	cytochrome b5 reductase 1 (B5R.1) (RefSeq aa	NP_057327.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1502	NADH-ubiquinone oxidoreductase MNLL subunit	AF050638.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1503	ubiquinol-cytochrome c reductase, Rieske iron-sulfur	5174742	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1504	methylene tetrahydrofolate dehydrogenase (NADPH-dependent)	NM_006636.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1505	aspartyl glucosaminidase (AGA)	X55330	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1506	leucine-rich repeat (LRR) protein (P37NB) 37 kDa	NM_005824.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1507	methionine synthase reductase (MTRR)	AF025794	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1508	osteoblast specific cysteine-rich protein, complete	AB008375	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1509	pyrroline-5-carboxylate reductase 1 (PYCR1)	NM_006907.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1510	S-adenosylmethionine decarboxylase 1 (AMD1)	NM_001634.3	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1511	selenophosphate synthetase 2 (SPS2)	U43286	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1512	tryptophan rich basic protein (WRB) (ORF)	NM_004627.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1513	glutamic-oxaloacetic transaminase 2, mitochondrial	NM_002080.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1514	eukaryotic translation initiation factor 4E (RefSeq)	NP_001959.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1515	GC20 protein (=AF077052 protein translation factor)	AF064607	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1516	p80 protein (=M23613.1 nucleophosmin)	D45915.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1517	translation initiation factor 3 47 kDa subunit	U94855	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1518	ribosome binding protein 1 (dog 180kD homolog)	gi4759055	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1519	stress-associated endoplasmic reticulum protein	NM_014445.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1520	aminopeptidase puromycin sensitive (NPEPPS)	NM_006310.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1521	beta-migrating plasminogen activator inhibitor 1	M14083	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1522	calpain, large polypeptide L2 (CAPN2) mRNA	NM_001748.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1523	collagenase inhibitor	M59906	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1524	cysteine-rich heart protein (hCRHP)	U09770.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1525	cysteine-rich repeat-containing protein S52 precursor	AF167706.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1526	matrix metalloproteinase(ADAMTS1) mRNA, complete	AF207664.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1527	nardilysin (N-arginine dibasic convertase) (NRD)	NM_002525.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1528	procollagen, type XI, alpha 1 (Col11a1)	NM_007729.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1529	protease inhibitor 12 (neuroserpin) (PI12)	NM_005025.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1530	proteasome (prosome, macropain) subunit, alpha	NM_002790.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1531	proteasome (prosome, macropain) subunit, alpha	NM_002792.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1532	PROTEASOME COMPONENT C9 (MACROPA	spP25789	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1533	proteasome subunit X (=X95586 MB1)	D29011	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1534	proteinX0008 (AD013)	NM_013395.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1535	sorting nexin 1 (SNX1)	NM_003099.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1536	chaperonin containing TCP1, subunit 2 (beta) (CCT	NM_006431.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3



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1537	farnesyl diphosphate synthase (farnesyl pyrophosphatase)	NM_002004.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1538	huntingtin interacting protein 2 (HIP2)	NM_005339.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1539	karyopherin alpha 2 (RAG cohort 1, importin alpha 2)	NM_002266.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1540	nuclear localization signal deleted in velocardiofacial syndrome	NM_003776.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1541	signal recognition particle (SRP), 19kD protein	X12791	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1542	TRAM-like protein (KIAA0057), mRNA	NM_012288.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1543	ubiquitin-activating enzyme E1C (homologous to E1A)	gi4507764	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1544	AE-binding protein 1, AEBP1	D86479	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1545	alternative splicing factor	M72709.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1546	amplified in osteosarcoma (OS-9)	NM_006812.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1547	bromodomain-containing 2 (BRD2)= KIAA9001	NM_005104.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1548	CCAAT-box-binding transcription factor (CBF2)	NM_005760.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1549	c-Cbl-interacting protein (CIN85)	AF230904.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1550	c-myc transcription factor (puf) = M36981(ORF)	L16785.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1551	FUSE binding protein 3 (FBP3)	U69127.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1552	GA-binding protein transcription factor, beta subunit	NM_016654.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1553	helix-loop-helix basic phosphoprotein (G0S8)	L13391	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1554	myocyte-specific enhancer factor 2A (MEF2A)	U49020	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1555	retinoblastoma-associated protein RAP140 (=KLF1)	AAD55098.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1556	retinoblastoma-binding protein 4 (RBBP4) =X7474	NM_005610.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1557	ring finger protein 11 (RNF11)	NM_014372.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1558	ring finger protein 14 (RNF14) (=HFB30)	NM_004290.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1559	T-box transcriptions factor (Tbx15)	AF041822	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1560	thyroid hormone receptor interactor 11 (TRIP11)	NM_004239.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1561	thyroid receptor interactor (TRIP3)	L40410.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1562	transcriptional activation factor TAFII32 (=AF152)	U21858	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1563	transducin (beta) like 2 (TBL2)	NM_012453.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1564	Y-linked zinc finger protein (ZFY) gene (=DKFZp434A0010)	AF114156.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1565	ZINC FINGER PROTEIN 135	spP52742	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1566	ZNF01 and HUMORF1G1B genes, partial sequence	AF205588.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1567	nCL1 gene	X85032.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1568	endoplasmic reticulum luminal Ca2+ binding protein	AF216292.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1569	hnRNP-E2 (poly(rC)-binding protein 2 (PCBP2))	X78136	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1570	leukophysin (LKP) = NM_001357.1 DEAD/H box domain	U03643.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1571	polyadenylate binding protein(TIA-1)	M77142	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1572	PR264	X75755	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1573	seryl-tRNA synthetase (SARS)	NM_006513.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1574	small nuclear ribonucleoprotein D1 polypeptide (SMD1)	NM_006938.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1575	small nuclear ribonucleoprotein polypeptide F (SMD2)	NM_003095.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1576	splicing factor 3b, subunit 1, 155kD (SF3B1)	NM_012433.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1577	splicing factor, arginine/serine-rich 9 (SFRS9)	NM_003769.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1578	breast cancer-associated gene 1 protein (BCG1)	AF126181.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1579	cartilage-associated protein (CASP)	AJ006470	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1580	DC2 (DC2)	AF201937.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1581	T-cell gamma receptor locus	AF159056.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1582	28 kDa heat shock protein	Z23090.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1583	ALEX1 protein (LOC51309)	NM_016608.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1584	LIM and senescent cell antigen-like domains 1 (LSC1)	NM_004987.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1585	coatamer protein complex, subunit alpha (COPAN)	NM_004371.2	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1586	endoglin (Osler-Rendu-Weber syndrome 1) (ENG)	NM_000118.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1587	tetraspanin TM4-A	AF133423.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1588	ERCC5 excision repair protein	L20046	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1589	MHC class II lymphocyte antigen beta-chain (HLA-DP)	M28202.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1590	thioredoxin-like (TXNL2)	gi5730103	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1591	Apg12	BAA36493.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1592	calponin 3, acidic (CNN3)	NM_001839.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1593	capping protein (actin filament) muscle Z-line, alpha	NM_006135.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3

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1594	CGI-101 protein (LOC51009)	NM_016041.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1595	CGI-114 protein (=DKFZp566E144)	AF151872.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1596	CGI-123 protein	AF151881.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1597	CGI-129 protein	AF151887.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1598	CGI-142 protein	AF151900.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1599	CGI-151 protein (RefSeq aa 6e-51)	NP_057165.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	3
1600	CGI-24 protein	AF132958.1	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1601	CGI-29 protein	AF132963.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1602	CGI-86 protein (LOC51635)	NM_016029.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1603	cytoplasmic dynein intermediate chain 1	AF123074	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1604	FRA3B common fragile region, diadenosine triphosphate	AF020503.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1605	LIC-2 dynein light intermediate chain 53/55	U15138.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1606	sorcin (SRI)	L12387.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1607	collagen type IV alpha 1(COL4A1)	M26576	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1608	fibrinogen-like 2 precursor,fibroleukin (RefSeq aa 1-100)	NP_006673.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1609	glypican 1 (GPC1)	NM_002081.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1610	glypican 4 (GPC4)	NM_001448.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1611	laminin, beta 2 (laminin S)(LAMB2) mRNA	NM_002292.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1612	sarcospan (Sspn)	AF120276.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1613	AHNAK nucleoprotein	M80902.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1614	capping protein (actin filament), gelsolin-like (CA	M94345	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1615	crystallin, zeta (quinone reductase) (CRYZ)	NM_001889.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1616	dystrophin (DMD)	M18533	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1617	keratin 10 (epidermolytic hyperkeratosis; keratosis	NM_000421.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1618	protein 4.1-G, erythrocyte membrane protein (cd	AF054999	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1619	myosin phosphatase target subunit 1 (MYPT1)	D87930.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1620	non-muscle alpha-actinin	U48734.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1621	nonmuscle myosin heavy chain (NMHC)	M31013	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1622	tropomodulin (TMOD)	M77016	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1623	nuclear pore complex protein hnup153	Z25535	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1624	TIP120 (=AB020636 KIAA0829)	D87671	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1625	angiotensin receptor-like 2 (AGTRL2), mRNA	NM_005162.2	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1626	B4-2 protein	U03105.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1627	diazepam binding inhibitor (GABA receptor mod	Hs.78888	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1628	glucocorticoid receptor (GRL) gene	U80947.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1629	glutamate dehydrogenase 1 (GLUD1)	NM_005271.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1630	HindIII K4L ORF (HU-K4)	NM_012268.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1631	inositol 1,4,5-triphosphate receptor, type 3 (ITPR	U01062	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1632	insulin receptor substrate-2 (IRS2)	AF073310	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1633	interleukin 11 receptor, alpha (IL11RA)	NM_004512.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1634	leptin receptor gene-related protein (HSOBRGR	NM_017526.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1635	multiple membrane spanning receptor TRC8 (TR	AF064801.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1636	orphan G protein-coupled receptor (RDC1)	U67784	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1637	regulator of G-protein signalling 2, 24kD (RGS2)	NM_002923.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1638	regulator of G-protein signalling 5 (RGS5)	AF159570.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1639	retinoic acid repressible protein (RARG-1)	AF172066.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1640	SGRF	AB030001.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1641	transforming growth factor, beta receptor III (beta	NM_003243.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1642	14-3-3 gamma	AB024334.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1643	cAMP-dependent protein kinase subunit RII-beta	M31158	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1644	CDC-like kinase (CLK)	NM_004071.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1645	mitogen-activated protein kinase 14 (MAPK14)	4503068	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1646	protein kinase, cAMP-dependent, regulatory, type	NM_002734.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1647	Ser/Arg-related nuclear matrix protein (plenty of	NM_005839.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1648	serum-inducible kinase (SNK)	AF223574.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1649	tyrosylprotein sulfotransferase-1(TPST1)	AF038009	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1650	GTPase-activating protein ras p21 (RASA)	M23379	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3

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1651	rab11a GTPase	AF000231	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1652	rab3 GTPase-activating protein, non-catalytic su	NM_012414.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1653	ralA binding protein 1 (RALBP1)	NM_006788.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1654	ras-related YPT1 protein (ORF)	P11476	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1655	signal transduction protein (SH3 containing) (EF	gi5031680	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1656	CC chemokine gene cluster	AF088219.1	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1657	EGR1 gene for early growth response protein 1	AJ243425.1	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1658	growth differentiation factor 10 (GDF10) =D4949	NM_004962.1	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1659	quiescin Q6 (QSCN6)(= bone-derived growth fac	NM_002826.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1660	SDF2	D50645	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1661	seCRetory growth factor-like protein fallotein	AF091434.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1662	uncharacterized bone marrow protein BM036 (B	NM_018453.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1663	WNT1 inducible signaling pathway protein 3 (Re	NP_003871.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1664	ADP-ribosylation factor-like 2 (ARL2)	NM_001667.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1665	ARP2 (actin-related protein 2, yeast) homolog (A	NM_005722.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1666	beta-catenin	X87838	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1667	Ca2-activated neutral protease large subunit (CA	M23254.1	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1668	calcium/calmodulin-dependent serine protein kin	NM_003688.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1669	hHDC for homolog of Drosophila headcase (LOC	NM_016217.1	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1670	MAX-interacting protein 1 (MX11)	NM_005962.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1671	Opa-interacting protein OIP2	AF025438	0	0.00%	0	0.00%	1	0.01%	2	0.01%	3
1672	Sprouty 2 (SPRY2)	AF039843	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1673	POM121 membrane glycoprotein (rat homolog)-H	Hs.8198	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1674	voltage-dependent anion channel 2 (VDAC2), nu	NM_003375.1	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1675	alpha-parvin (PARVA)	AF237771.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1676	claudin-12 gene (CLDN12)	AJ250713.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1677	C-type lectin	BAA95671.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1678	integrin, alpha subunit 1(ORF)	X68742	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1679	integrin-linked kinase (ILK)	U40282	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1680	podocalyxin-like (PODXL)	NM_005397.1	1	0.01%	0	0.00%	2	0.02%	0	0.00%	3
1681	syntaxin 7	U77942	0	0.00%	1	0.01%	2	0.02%	0	0.00%	3
1682	DNA dependent ATPase and helicase (ATRX)	U72938.2	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1683	histone H1 (0)	X03473	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1684	histone H2A.Z= M37583	X52317	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1685	histone H2B	AJ223352	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1686	non-histone chromosomal protein HMG-14	M21339.1	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1687	cdk inhibitor p21 binding protein (TOK-1),(ORF)=	NM_016567.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1688	cyclin L ania-6a (RefSeq aa 1e-66)	NP_064703.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1689	GTP-binding protein (HSR1)	L25665	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1690	GTP-binding protein(=KIAA0741)	AJ006412	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1691	caspase 4, apoptosis-related cysteine protease	NM_001225.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1692	inhibitor of apoptosis protein 2	U45879	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1693	polymerase (RNA) II (DNA directed) polypeptide	NM_005034.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1694	inhibin, beta A (activin A, activin AB alpha polyp	NM_002192.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1695	NCK adaptor protein 1(NCK1)=X17576 melanon	NM_006153.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1696	tumor suppressing subtransferable candidate 4 (	5032204	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1697	ASCL3; CEGP1; C11orf14, C11orf15, C11orf16	AJ400877.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1698	brain cDNA, clone:QnpA-18828	AB049881.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1699	brain-specific STE20-like protein kinase 3 (STK3	AF083420.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1700	DD6A4-1	AF034237	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1701	expressed only in placental villi, clone SMAP47	AB019564	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1702	hypothetical gene supported by M29548; X0355	XM_059967.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1703	hypothetical protein (RefSeq aa 4e-65)	NP_055701.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1704	KIAA0160	D63881	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1705	KIAA0594	AB011166	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1706	KIAA1128 protein, partial cds	AB032954.1	0	0.00%	2	0.01%	0	0.00%	1	0.01%	3
1707	PCTAIRE2	AB005540	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3

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1708	PRO0989	AF116614	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1709	PRO2221 (RefSeq aa 1e-34)	NP_061094.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1710	putative breast adenocarcinoma marker (32kD)	Hs.12107	0	0.00%	1	0.01%	0	0.00%	2	0.01%	3
1711	transposon-like element	M23161	1	0.01%	1	0.01%	1	0.01%	0	0.00%	3
1712	WSB1 isoform 2 (WSB1)	AF240696.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1713	ATP cassette binding transporter 1 (ABC1)	AF165281.1	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1714	beta-1,4-galactosyltransferase (=D38551 hypoth	D37790	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1715	UDP-N-acetyl-alpha-D-galactosamine:polypeptid	NM_004481.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1716	long-chain acyl-CoA synthetase	D10040	0	0.00%	0	0.00%	3	0.02%	0	0.00%	3
1717	cytochrome b-245, beta polypeptide (chronic gra	NM_000397.2	0	0.00%	2	0.01%	1	0.01%	0	0.00%	3
1718	eukaryotic translation initiation factor 3, subunit 2	gi4503512	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1719	Sec31 protein	AF139184.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1720	DNA-binding protein (CROC-1B)	U39361	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1721	ring finger protein 13 (RNF13), mRNA /cds=(151	Hs.6900	0	0.00%	0	0.00%	2	0.02%	1	0.01%	3
1722	SPR-2 mRNA for GT box binding protein	X68560.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1723	T-box 15 (Tbx15)	NM_009323.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1724	zinc finger protein 207 (ZNF207)	NM_003457.1	1	0.01%	0	0.00%	0	0.00%	2	0.01%	3
1725	alpha-2-macroglobulin precursor (RefSeq aa 1e-	NP_000005.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1726	transmembrane 4 superfamily member 6 (TM4S	NM_003270.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1727	cargo selection protein TIP47 (TIP47)(=PP17)	AF057140	1	0.01%	0	0.00%	1	0.01%	1	0.01%	3
1728	coatomer protein (COPA)	U24105	2	0.01%	1	0.01%	0	0.00%	0	0.00%	3
1729	CGI-43 protein	AF151801.1	0	0.00%	1	0.01%	1	0.01%	1	0.01%	3
1730	novel RGD-containing protein (WS-3)	NM_006571.1	2	0.01%	0	0.00%	1	0.01%	0	0.00%	3
1731	CDC42-binding protein kinase beta (DMPK-like)	XM_040911.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1732	Rab5 GDP/GTP exchange factor homologue (R	NM_014504.1	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3
1733	heparin-binding neurite outgrowth promoting fac	S60110	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1734	parathymosin	M24398	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1735	calcium-binding protein in macrophages (MRP-8	X06234.1	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1736	membrane nucleoside transporter (RefSeq aa 8e	NP_055528.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1737	pinin, desmosome associated protein(RefSeq aa	NP_002678.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1738	high-mobility group (nonhistone chromosomal) p	NM_004965.1	1	0.01%	2	0.01%	0	0.00%	0	0.00%	3
1739	RCC1 gene, exons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,	D00591.1	2	0.01%	0	0.00%	0	0.00%	1	0.01%	3
1740	XPB/ERCC-3-like protein	Y17148.1	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1741	GT box binding protein (SPR-2)	X68560	0	0.00%	0	0.00%	0	0.00%	3	0.02%	3
1742	ribosomal 45S pre rRNA gene	X82564.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1743	flap structure-specific endonuclease 1 (FEN1), n	NM_004111.3	3	0.02%	0	0.00%	0	0.00%	0	0.00%	3
1744	postmeiotic segregation increased (S. cerevisiae	NP_000526.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	3
1815	KIAA0068 gene	D38549.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1745	eukaryotic translation elongation factor 1 alpha 1	NM_0011403.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1746	ribosomal 28S RNA	M11167	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1747	zinc-finger, splicing (RefSeq aa 4e-74)	NP_005446.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1748	DNA repair helicase (ERCC3)	M31899.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1749	minichromosome maintenance deficient (S. cere	NM_002388.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1750	NRF1 protein (NRF1)= non-functional folate binc	L24123.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1751	RNA binding motif, single stranded interacting pr	gi8400721	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1752	beta-netrin	AF278532	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1753	kinesin (heavy chain)	X65873	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1754	bamacan (RefSeq aa 1e-76)	NP_005436.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1755	cartilage oligomeric matrix protein (COMP)	NM_000095.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1756	collagen type X alpha 1(COL10A1)	X72580	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1757	chemokine-like factor 1 (CKLF1)	AF096895.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1758	ecotropic viral integration site 2A (EVI2A)	NM_014210.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1759	apoptosis inhibitor (IEX-1L) gene	AF071596.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1760	fructose 1,6-diphosphate aldolase A (=X05236;N	M21190	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1761	UDP-GalNAc:polypeptide N-acetyl-galactosamin	X85018	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1762	NADH:ubiquinone oxidoreductase B15 subunit (	AF044957	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1763	aspartate beta-hydroxylase (ASPH)	NM_004318.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2

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1764	fragile X mental retardation protein 1 homologue	U25165	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1765	protein disulfide isomerase related protein (ERP)	J05016.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1766	ubiquitin specific protease 16 (USP16)	NM_006447.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1767	retinoblastoma-like 2 (p130)(RBL2)	NM_005611.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1768	U6 snRNA-associated Sm-like protein 2e-32	NP_036454.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1769	autoantigen	L05425	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1770	microtubule-associated protein 4 (MAP4)	NM_002375.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1771	RBP1-like protein (LOC51742)	NM_016374.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1772	glioma pathogenesis-related protein (GliPR)	U16307.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1773	SMT3 (suppressor of mif two 3, yeast) homologue	NM_006936.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1774	surface glycoprotein	Z50022.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1775	tetratricopeptide repeat domain 1 (TTC1)	NM_003314.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1776	ATPase, vacuolar, 14 kD (ATP6S14)	NM_004231.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1777	solute carrier family 20 (phosphate transporter),	7382462	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1778	glycogen phosphorylase	Y15233	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1779	ribonuclease L (2',5'-oligoadenylate synthetase)	4506558	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1780	cytochrome c oxidase subunit VII-related protein	AB007618	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1781	lymphocyte dihydropyrimidine dehydrogenase (DHAPDH)	U20938	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1782	eukaryotic translation initiation factor 3, subunit	NM_003753.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1783	chaperonin containing TCP1, subunit 7 (eta) (CCT7)	NM_006429.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1784	ubiquitin carboxyl-terminal esterase L3 (ubiquitin	NM_006002.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1785	ubiquitination factor E4A (homologous to yeast U	4759287	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1786	Vacuolar protein sorting 26 (yeast homolog) (VP	NM_004896.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1787	cAMP responsive element binding protein-like 2	NM_001310.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1788	erg protein (ets-related gene)	M21535	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1789	Id3 gene for HLH type transcription factor	X73428.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1790	Kruppel-like factor (LOC51713)	NM_016270.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1791	THYROID HORMONE-INDUCED PROTEIN B F	Q91641	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1792	zinc finger transcriptionsal regulator (GOS24)	M92844	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1793	splicing factor, arginine/serine-rich 3 (RefSeq aa	NP_003008.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1794	chromodomain helicase DNA	NM_001271.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1795	keratocan (KERA), (=keratocan gene, promoter)	NM_007035.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1796	beta tropomyosin (TPM2) gene	AF209746.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1797	muscle mRNA for embryonic myosin heavy chain	X15696.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1798	nuclear receptor coactivator (=TRBP)	AF245115	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1799	protein tyrosine kinase 9 (PTK9)	NM_002822.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1800	serine kinase SRPK2	U88666	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1801	bone morphogenetic protein 6 (BMP6)(= transfor	NM_001718.2	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1802	cell adhesion molecule (CD44)	M59040	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1803	C-type (calcium dependent, carbohydrate-recog	4826676	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1804	cyclin-dependent kinase 4 (CDK4)	U37022	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1805	WEE1 gene for protein kinase and partial ZNF14	AJ277546.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1806	programmed cell death 4 (RefSeq aa 7e-54)	NP_055271.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1807	130 kD Golgi-localized phosphoprotein (GPP13)	U55853	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1808	ALL-1 gene	Z69780.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1809	deleted in pancreatic carcinoma (DPC4) gene, e	AF045440.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1810	E-1 enzyme (MASA)	AF113125.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1811	FSHD-associated repeat DNA, proximal region=	U85056	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1812	GaINAc-T2 gene	Y10344.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1813	glycolipid transfer protein (LOC51228)	NM_016433.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1814	golgi autoantigen, golgin subfamily a, 3 (GOLGA	NM_005895.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1816	KIAA0423	AB007883.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1817	KIAA0738	AB018281	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1818	leukemogenic homolog protein (MEIS1)	U85707.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1819	nuclear autoantigenic sperm protein (histone-bin	NM_002482.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1820	p21WAF1/CIP1 promoter-interacting protein (=K	AF265443.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1821	tetracycline transporter-like protein	D88315	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2

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1822	lung type-I cell membrane-associated glycoprotein	NP_006465.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1823	acyl-coenzyme A:cholesterol acyltransferase (O	L21934.2	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1824	casein kinase II alpha subunit	M55268	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1825	protein tyrosine phosphatase type IVA, member	NM_003463.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1826	protein tyrosine phosphatase, non-receptor type	NM_002835.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1827	protein tyrosine phosphatase, non-receptor type	NM_006264.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1828	5'-3' exoribonuclease 2 (XRN2)	NM_012255.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1829	APEX nuclease (multifunctional DNA repair enzy	NP_001632.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1830	carbamoyl-phosphate synthetase 2, aspartate tr	NM_004341.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1831	phosphoribosyl pyrophosphate synthetase-asso	NM_002766.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1832	aldehyde dehydrogenase (ALD10), miCRosoma	U46689	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1833	low density lipoprotein-related protein 1 (alpha-2	NM_002332.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1834	NADP dependent cytoplasmic malic enzyme (=	X77244	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1835	hyaluronan-binding protein precursor (HABP1)	AF275902.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1836	leucine rich repeat (in FLII) interacting protein 1	NM_004735.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1837	serine-rich protein	AF246705.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1838	EUKARYOTIC TRANSLATION INITIATION FAC	spQ14152	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1839	translation initiation factor eIF-3 p110 subunit	U46025	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1840	metalloprotease/disintegrin/cysteine-rich protein	U41766	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1841	proteasome (prosome, macropain) activator sub	NM_006263.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1842	weak similarity to Arabidopsis thaliana ubiquitin	U88173	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1843	cullin 3 (CUL3) (=AB014517 KIAA0617)	gi4503164	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1844	cyclophilin 40	D63861.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1845	cellular retinoic acid-binding protein 2 (CRABP2)	NM_001878.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1846	DNA binding protein NAK1	D49728	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1847	host cell factor 2 (HCF-2)	NM_013320.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1848	LIM protein (similar to rat protein kinase C-bindir	NM_006457.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1849	von Hippel-Lindau binding protein (VBP-1)	U96759	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1850	heterogeneous nuclear ribonucleoprotein F (HNF	NM_004966.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1851	poly(A)-binding protein, nuclear 1 (PABPN1)	gi4758875	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1852	Sjogren syndrome antigen A1 (SSA1)	NM_003141.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1853	core-binding factor, runt domain, alpha subunit 2	NM_004349.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1854	membrane component, chromosome 17, surface	gi5174504	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1855	X-ray repair complementing defective repair in C	gi4507944	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1856	factor I (C3b/C4b inactivator)	J02770.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1857	MHC class II HLA-DR-beta	M20430.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1858	CGI-45 protein (LOC51094)	NM_015999.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1859	golgi matrix protein GM130 (GOLGA2) (non-exa	AAF65550.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1860	EGF-like repeats and discoidin I-like domains 3	NP_005702.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1861	fibrillin-2	U03272	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1862	fibulin 5 (FBLN5)	NM_006329.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1863	microfibrillar-associated protein 1 (MFAP1)	NM_005926.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1864	actin-binding LIM protein (ABLM)	NM_006719.2	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1865	thyroid autoantigen 70kD (Ku antigen) (G22P1)	NM_001469.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1866	vinculin	M33308	0	0.00%	0	0.00%	0	0.00%	0	0.00%	2
1867	cardiac myosin binding protein-C (ORF)	X84075	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1868	tropomyosin 4 (TPM4)	Y00169.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1869	troponin T3, skeletal fast (TNNT3)	NM_006757.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1870	lamin B receptor (LBR)	NM_002296.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1871	surfeit 1 (SURF1)	NM_003172.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1872	unc-50 related protein homologue	AF077038.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1873	100 kDa coactivator	U22055	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1874	diphtheria toxin receptor (heparin-binding epider	NM_001945.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1875	Fc fragment of IgE, high affinity I, receptor for; g	gi4758343	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1876	fibroblast growth factor receptor (FGFR-4)	X57205	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1877	G protein-coupled receptor 23 (GPR23)	NM_005296.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1878	stromal cell protein isoform	AF126024	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2

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1879	mitogen-activated protein kinase kinase kinase	NM_004834.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1880	protein kinase, cGMP-dependent, type 1 (PRKG1)	NM_006258.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1881	serine/threonine protein kinase MASK (LOC5176)	NM_016542.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1882	guanine nucleotide binding protein 10 (GNG10)	NM_004125.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1883	angiopoietin-related protein	AF153606.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1884	macrophage migration inhibitory factor (glycosylated)	NM_002415.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1885	uncharacterized hypothalamus protein HTMP (LOC5176)	NM_018475.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1886	histone H2A.F/Z variant (H2AV)	AF081192	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1887	C-1	U41816	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1888	cyclin-D binding Myb-like protein	AF084530.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1889	GTP-binding protein G25K	AL121737.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1890	reverse transcriptase homolog - human retrotransposon	pir I38588	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1891	ATP binding protein	AB006679	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1892	BCL2 gene, exon 3 and breakpoint region	AF217803.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1893	PRP4/STK/WD splicing factor (HPRP4P)	NM_004697.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1894	tumor protein D52-like 1 (TPD52L1)	NM_003287.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1895	7-60 (gene)	AF112980	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1896	activated in tumor suppression	AJ012502.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1897	adipose differentiation-related protein (ADFP)	XM_048266.2	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1898	ALL1-fused gene from chromosome 1q (AF1Q)	NM_006818.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1899	AML1 AML1c protein (alternatively spliced product)	D43969.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1900	antigen NY-CO-10 (NY-CO-10)	AF039692.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1901	BABP gene for bile acid-binding protein [AKR1C1]	AB032151.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1902	beige-like protein (BGL)	M83822.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1903	BRCA2 region= ARP2/3 protein complex subunit	U50523	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1904	Brush-1=tumor suppressor (=AB020707 KIAA0959)	S69790	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1905	BTK region clone 2f10-rpi	U01925.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1906	candidate tumor suppressor p33 ING1 homolog	NM_016162.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1907	CG14483 gene product (35% ORF) [Drosophila]	AE003802	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1908	chitinase, di-N-acetyl- (CTBS)	NM_004388.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1909	COP9 (constitutive photomorphogenic, Arabidopsis)	NP_006828.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1910	COP9 homolog (HCOP9)	U51205	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1911	cytokine inducible SH2-containing protein 3 (CISH3)	gi6671757	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1912	cytokine-inducible SH2 protein 6 (CISH6) (=AB010395)	AF073958.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1913	DAPIT protein	AJ271158	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1914	Dim1p homolog (hdim1)	AF023611	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1915	DMA, DMB, HLA-Z1, IPP2, LMP2, TAP1, LMP7, X87344	X87344	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1916	Dmx-like 1 (DMXL1)	NM_005509.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1917	down-regulated in metastasis (DRIM)	NM_014503.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1918	downregulated in ovarian cancer 1 (DOC1)	NM_014890.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1919	enhancer of invasion 10 (HEI10) (=DKFZp564A0010)	AF216381.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1920	EXLM1	AB006651.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1921	FLI-LRR associated protein-1	AF045573	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1922	fvt1	X63657	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1923	GA17 protein (dendritic cell protein)	AF064603	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1924	GL004 protein (RefSeq aa 2e-34)	NP_064579.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1925	glioma tumor suppressor candidate region protein	AAF62873.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1926	guanylate binding protein 1, interferon-inducible, (IFN-gamma-inducible)	NP_002044.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1927	HDCMA18P protein (HDCMA18P)	NM_016648.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1928	HDCMC29P	AF068295.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1929	hDj9 (=AL032657) (65% aa)	AB028859	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1930	HepG2 3' region Mbol cDNA, clone hmd3c06m3	D17196.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1931	HP protein (HP)	AF026219.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1932	HSPC007 protein	NP_054737.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1933	HSPC023 protein (HSPC023), D2217	NM_014047.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1934	HSPC043 protein mRNA, (=HSPC291)	AF161411.2	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1935	HSPC085	AF161348.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2



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1936	HSPC095	AF161358.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1937	HSPC115 mRNA,(= adenosine 5'-diphosphosug	AF161464.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1938	HSPC132 (ORF)	AF161481	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1939	HSPC133 protein (HSPC133) (=cDNA FLJ1045	NM_014168.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1940	HSPC134 protein (HSPC134)	NM_014169.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1941	HSPC229	AF151063.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1942	HSPC250 (ORF)	AF151084	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1943	HSPC292	AAF28970.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1944	HSPC302	AF161420.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
1945	HT005 protein (=ariadne (Drosophila) homolog 2	AF183427.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1946	HT014 (HT014)	AF221595.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1947	HYA22	D88153	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1948	hypothalamus protein HT007 (RefSeq aa 2e-64)	NP_060950.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1949	hypothetical gene (LOC115009)	XM_055020.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1950	intergenic DNA between SURF-2 and SURF-4	Y17214	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1951	IRLB gene (exon5)	X82334.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1952	ITBA1 protein	X92475	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1953	JM4 protein (JM4)	NM_007213.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1954	KIAA0006	D25304	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1955	KIAA0009	D13634.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1956	KIAA0010	D13635	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1957	KIAA0017	D13642	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1958	KIAA0025 gene product; MMS-inducible gene (K	NM_014685.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
1959	KIAA0036	D25278	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1960	KIAA0039 (ORF)	D26018.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1961	KIAA0041	D26069	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1962	KIAA0049	D30756.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1963	KIAA0058	NM_014764.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1964	KIAA0066	D31886.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1965	KIAA0072 gene	D31889.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1966	KIAA0073 (cyclophilin related)	D38552	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1967	KIAA0093	D42055.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1968	KIAA0095 gene	NM_014669.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1969	KIAA0105	NM_004906.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1970	KIAA0112	D25218	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1971	KIAA0117	D38491	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1972	KIAA0155 gene	NM_014633.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1973	KIAA0156 gene product (KIAA0156)	NM_014706.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1974	KIAA0161	D79983	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1975	KIAA0178	D80000	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1976	KIAA0180	D80002	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1977	KIAA0183 gene	D80005.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
1978	septin 2 (SEP2)	AF179995.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1979	KIAA0203	D86958	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
1980	KIAA0217	D86971	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1981	KIAA0225 gene	D86978.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1982	KIAA0227	D86980	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
1983	KIAA0228 gene	D86981.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1984	KIAA0233	NM_014745.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1985	KIAA0253	D87442	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1986	KIAA0254	D87443	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1987	KIAA0258 gene	NM_014785.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1988	KIAA0266 gene, (ORF)	D87455	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
1989	KIAA0324	AB002322.2	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1990	KIAA0353	AB002351	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1991	KIAA0368	AB002366	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
1992	KIAA0370 gene	AB002368.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2

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1993	KIAA0447	AB007916	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1994	KIAA0451	NM_014826.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
1995	KIAA0456	AB007925	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
1996	KIAA0466 protein	AB007935.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
1997	KIAA0470	AB007939	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
1998	KIAA0471 gene product (KIAA0471)	NM_014857.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
1999	KIAA0475	NM_014864.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2000	KIAA0480	AB007949	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2001	KIAA0488	AB007957.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2002	KIAA0491	AB007960	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2003	KIAA0553	AB011125	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2004	KIAA0564 protein	AB011136.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2005	KIAA0611	AB014511	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2006	KIAA0618 gene product (KIAA0618), mRNA	XM_018359.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2007	KIAA0638	AB014538	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2008	KIAA0639	AB014539	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2009	KIAA0648	AB014548	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2010	KIAA0689	AB014589.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2011	KIAA0697 protein	AB014597.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2012	KIAA0701 protein	AB014601.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2013	KIAA0727 (ORF)	AB018270	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2014	KIAA0745	AB018288.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2015	KIAA0761 protein	AB018304.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2016	KIAA0762	AB018305.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2017	KIAA0765	AB018308.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2018	KIAA0770	AB018313.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2019	KIAA0772 gene	NM_014835.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2020	KIAA0776 protein	AB018319.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2021	KIAA0824 (=PCF11p homolog)	AB020631.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2022	KIAA0830	AB020637.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2023	KIAA0843	AB020650.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2024	KIAA0847 protein	AB020654.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2025	KIAA0862=leucine-rich repeat protein SHOC-2	AB020669	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2026	KIAA0903(ORF)	AB020710	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2027	KIAA0907	AB020714.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2028	KIAA0909 protein	BAA74932.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2029	KIAA0911 protein (KIAA0911),	NM_014944.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2030	KIAA0914 gene product	NM_014883.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2031	KIAA0934 protein	AB023151.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2032	KIAA0947	AB023164.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2033	KIAA0952	AB023169.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2034	KIAA0955 protein (KIAA0955)	NM_014959.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2035	KIAA0978	AB023195	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2036	KIAA0997	NM_014950.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2037	KIAA1014	AB023231.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2038	KIAA1033	AB028956.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2039	KIAA1063	AB028986.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2040	KIAA1064	AB028987.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2041	KIAA1131	AB032957.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2042	KIAA1137	AB032963.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2043	KIAA1190	AB033016.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2044	KIAA1223	AB033049.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2045	KIAA1249 protein	AB033075.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2046	KIAA1287	AB033113	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2047	KIAA1310	AB037731.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2048	KIAA1338 protein	AB037759.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2049	KIAA1350 protein	AB037771.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2

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2050	KIAA1381	AB037802	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2051	KIAA1404	AB037825.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2052	KIAA1423	AB037844.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2053	KIAA1424 protein	AB037845.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2054	KIAA1458	AB040891.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2055	KIAA1507(=FLJ20654)	AB040940.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2056	KIAA1518	AB040951	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2057	KIAA1519	AB040952.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2058	KIAA1536	AB040969.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2059	KIAA1577	AB046797.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2060	KIAA1610	AB046830.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2061	KIAA1633 protein	BAB13459.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2062	L13 protein (RefSeq aa 8e-78)	NP_054797.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2063	La/SS-B protein	X69804	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2064	like mouse brain protein E46(E46L)	NM_013236.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2065	lipoma HMGIC fusion partner (LHFP)	AF098807.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2066	LQFBS-1 (=AB011087 hypothetical protein (KIAA0011))	AF062385	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2067	male sterility protein 2-like protein	AJ272073	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2068	maternal G10 transcript (G10)	NM_003910.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2069	maternal-embryonic 3 (Mem3)	U47024	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2070	MCT-1 protein (MCT-1)	NM_014060.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2071	MDS011 (MDS011)	AF182424.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2072	MEF3L1 MEF3 like 1	AB049150.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2073	melanoma antigen, family D 1 (MAGED1)	NM_006986.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2074	meningioma (disrupted in balanced translocation)	NM_002430.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2075	microspherule protein 1 (MCRS1)	NM_006337.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2076	neuroblastoma-amplified protein	AF056195	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2077	Neurofibromatosis 1 locus on Chromosome 17 (NF1)	AC004526.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2078	NICE-5 protein (=AF116721) PRO3094	AJ243666	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2079	non-metastatic cells 1, protein (NM23A) expressed in	4557796	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2080	non-oncogenic Rho GTPase-specific GTP exchange factor	AF127481.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2081	NY-REN-55 antigen (=DKFZp564L2416)	AF155113.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2082	p45SKP2-like protein (=FLR1)	AF157323.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2083	p47 (=Y10769 R.norvegicus XY40 protein) (low molecular weight)	AF078856	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2084	partial polr2H gene for RPB8, exons 1-5, and joining region	AJ252079.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2085	PB1	X90849	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2086	PBK1 protein	AJ007398.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2087	period (Drosophila) homolog (PER) (RIGUI) (=AF022991)	AF022991	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2088	phosphoserine phosphatase-like (PSPHL)	NM_003832.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2089	PIBF1 protein	Y09631	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2090	PIX1 mRNA (ORF)	AF037219	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2091	PRO2160	AF119863.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2092	PRO2275	AF119873.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2093	PRO2898	AF116717.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2094	PTD008 protein(=CGI-140 protein)	NM_016145.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2095	PTD009 protein (PTD009) (=HSPC172)	NM_016146.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2096	PTD016 protein (LOC51136)	NM_016125.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2097	PTPRF interacting protein, binding protein 1 (liprin)	NP_003613.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2098	putative Rab5-interacting protein(RefSeq aa 6e-3)	NP_061328.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2099	RD RNA-binding protein(RDBP), mRNA	NM_002904.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2100	retinal short-chain dehydrogenase/reductase (retinol dehydrogenase)	AF061741	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2101	retrovirus-related leucine zipper protein p40 - human	U138587	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2102	RETROVIRUS-RELATED POLYPROTEIN	spP11369	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2103	REV1 protein (REV1)	NM_016316.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2104	reversion-inducing-cysteine-rich protein with kazal-type domains	Hs.29640	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2105	rriB operon	AF053965.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2106	SCID complementing gene 2	D78188.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2

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2107	SEC14 (S. cerevisiae)-like 1 (SEC14L1), mRNA	NM_003003.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2108	SEC63 protein	AJ011779.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2109	single-strand selective monofunctional uracil DN	AF125182	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2110	small glutamine-rich tetratricopeptide repeat (TP	AJ223828	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2111	SP100-HMG nuclear autoantigen (SP100)	AF056322.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2112	sperm autoantigenic protein 17 (SPA17)	NM_017425.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2113	sperm specific antigen 2 (SSFA2=M61199=clea	NM_006751.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	2
2114	splice variant AKAP350	AF091711.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2115	stabilin-1 (stab1 gene) (=KIAA0246)	AJ275213.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2116	SULT1C sulfotransferase (SULT1C)	NM_006588.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2117	TCTEL1 (t-complex-associated-testis-expressed	D50663.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2118	testis specific protein	AF146738.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2119	TMEM1and PWP2	AB001523.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2120	torsin B (DQ1)	AF007872	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2121	WD-40 repeat protein	AB024327.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2122	wild-type p53 activated fragment-1 (WAF1)	U03106.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2123	WRN (WRN)	AF181897.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2124	WW domain binding protein 11	AF071186	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2125	WW domain binding protein 5	U92454	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2126	XRP2 protein (retinitis pigmentosa 2 (X-linked re	AJ007590	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2127	annexin A6 (ANXA6)	NM_004033.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2128	annexin VII (synexin)(ANX7)	NM_001156.2	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2129	ATP-specific succinyl-CoA synthetase beta subu	AF058953	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2130	sodium calcium exchanger 1 (NCX1)	U83657	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2131	solute carrier family 11 (proton-coupled divalent	Hs.57435	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2132	solute carrier family 31 (copper transporters), me	NM_001860.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2133	6-phosphogluconolactonase (PGLS)	NM_012088.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2134	aldehyde oxidase gene=AOX1)	Z99567	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2135	alpha mannosidase II	U31520.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2136	hexokinase 2 (HK2)	NM_000189.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2137	Na -D-glucose cotransport regulator gene	X82877	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2138	oligosaccharyl transferase STT3 subunit homolo	L38961	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2139	paraoxonase 2 (PON2)	NM_000305.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2140	phosphomannomutase	U86070.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2141	proteolipid protein 2 (colonic epithelium-enriched	NM_002668.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2142	RGL protein (RGL)	AF186779.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2143	UDP-N-acetyl-alpha-D-galactosamine:polypeptid	gi8393408	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2144	protein phosphatase methylesterase-1 (PME-1)	NM_016147.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2145	protein tyrosine phosphatase, receptor type, F (F	NM_002840.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2146	protein x 0004 (ORF)	AF117229	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2147	protein x 013	AF164793.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2148	TPI1 gene for triosephosphate isomerase	X69723.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2149	adenosine deaminase, RNA-specific (ADAR), tra	gi7669474	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2150	adenylosuccinate lyase(ADSL)	NM_000026.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2151	adenylosuccinate synthetase	X66503	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2152	deoxyguanosine kinase (DGUOK)	NM_001929.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2153	deoxyribonuclease II	AF060222.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2154	inositol (myo)-1(or 4)-monophosphatase 1 (IMPA	NM_005536.2	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2155	nucleotide pyrophosphatase (=plasma cell mem	D12485.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2156	p53R2 gene for ribonucleotide reductase, exon 5	AB036532.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2157	phosphoribosyl pyrophosphate synthetase-asso	NM_002767.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2158	phosphoribosylglycinamide formyltransferase (P	M32082.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2159	purine nucleoside phosphorylase	X00737	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2160	thymidylate synthase	D00596	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2161	1-acylglycerol-3-phosphate O-acyltransferase	Y09565.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2162	adaptor protein p150	Y08991	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2163	mutant cerebroside sulfate activator protein (SAI	M60258	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2

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2164	Niemann-Pick C disease protein (NPC1)	AF002020.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2165	5-methyltetrahydrofolate-homocysteine methyltra	NM_000254.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2166	AAPT1-like protein	AF047431.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2167	acetyl-coenzyme A transporter	D88152	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2168	ARF protein	NM_016632.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2169	attractin precursor (ATRN) gene	AF218915.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2170	biliverdin reductase A (BLVRA)	NM_000712.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2171	choline/ethanolaminephosphotransferase (CEPT	NM_006090.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2172	enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydr	D16480	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2173	galactocerebrosidase (GALC) gene	L38559	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2174	hydroxysteroid (17-beta) dehydrogenase 4 (HSD	NM_000414.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2175	methylmalonyl-CoA mutase (MCM)	M65131	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2176	nucleus-encoded mitochondrial aldehyde dehydr	M20456.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2177	phospholipase C beta 4 (PLCB4)	L41349	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2178	phospholipase C-beta-3 (PLCB3)	U26425.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2179	transacylase (DBT)	X66785	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2180	cytochrome c oxidase assembly protein COX11	AF044321	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2181	cytochrome c oxidase subunit VIa gene	U83702.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2182	mitochondrial 75 kDa iron sulphur protein	X61100	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2183	mitochondrial carrier homologue 2	AF176008.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2184	mitochondrial carrier protein ARALAR1	Y14494	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2185	mitochondrial cytochrome c oxidase Va subunit	M22760	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2186	mitochondrial inner membrane translocase Tim2	AF030162.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2187	NAD+-specific isocitrate dehydrogenase beta su	U49283	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2188	NADH dehydrogenase (ubiquinone) Fe-Sprotein	NP_004543.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2189	NADH dehydrogenase (ubiquinone) flavoprotein	NM_021074.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2190	NADH dehydrogenase subunit {heteroplasmic G	S73804	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2191	NADH dehydrogenase(ubiquinone) 1, subcomple	NM_004549.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2192	NADH dehydrogenase-ubiquinone Fe-S protein	AF038406	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2193	NADH:ubiquinone dehydrogenase 51 kDa subun	AF053070	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2194	NADH:ubiquinone oxidoreductase B17 subunit	AF035840.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2195	oxidase (cytochrome c) assembly 1-like (OXA1L	NM_005015.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2196	PNAS-105 (=NADH dehydrogenase subunit 2 (N	AF275801.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2197	QUINONE OXIDOREDUCTASE (NADPH:QUIN	spQ08257	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2198	succinyl CoA:3-oxoacid CoA transferase precurs	U62961.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2199	ubiquilin 2 (UBQLN2)	NM_013444.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2200	antizyme inhibitor	NM_015878.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2201	arginase, type II (ARG2), nuclear gene encoding	NM_001172.2	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2202	Asparaginyl tRNA Synthetase (NARS)	D84273	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2203	dolichyl-phosphate mannosyltransferase polype	NM_003859.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2204	Fas-activated serine/threonine kinase (FASTK)	NM_006712.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2205	golgi phosphoprotein 1 (GOLPH1)	XM_037292.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2206	isopentenyl-diphosphate delta isomerase (IDI1)	NM_004508.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2207	isoprenylcysteine carboxyl methyltransferase (IC	NM_012405.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2208	leucine zipper, down-regulated in cancer 1 (LDC	NM_012317.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2209	leucine-rich protein	M92439.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2210	lysyl hydroxylase (=L06419)	M98252	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2211	Npw38-binding protein NpwBP (LOC51729)	NM_016312.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2212	ORNITHINE DECARBOXYLASE (ODC)	spP00860	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2213	phenylalanyl-tRNA synthetase beta-subunit; Phe	NP_005678.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2214	proline arginine-rich end leucine-rich repeat prot	NM_002725.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2215	Proline synthetase associated	AB018566.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2216	S-adenosyl homocysteine hydrolase homolog (X	U82761	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2217	cytidine monophosphate kinase CMP mRNA, (=	AF259961.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2218	selenoprotein T(LOC51714)	NM_016275.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2219	eukaryotic translation initiation factor 2 alpha kin	AF110146	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2220	eukaryotic translation initiation factor 2, subunit	gi4758255	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2

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2221	eukaryotic translation initiation factor 3, subunit	NM_003758.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2222	EUKARYOTIC TRANSLATION INITIATION FAC	spP55010	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2223	fasciculation and elongation protein zeta 2 (zyg	NM_005102.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2224	homolog of rat elongation factor p18 (P18)	NM_004280.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2225	mitochondrial translational release factor 1	AF072934	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2226	translation initiation factor eIF-2alpha	U26032.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2227	translational inhibitor protein p14.5 (UK114) = X	NM_005836.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2228	translin associated protein X	X95073	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2229	Tu translation elongation factor, mitochondrial (T	NM_003321.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2230	unr protein (=AB020692 KIAA0885)	AF077054.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2231	arginyl-tRNA synthetase (RARS)	NM_002887.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2232	5.8S ribosomal RNA	J01866.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2233	mitochondrial ribosomal protein S11 (MRPS11),	Hs.111286	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2234	mitochondrial ribosomal protein S33 (MRPS33),	Hs.83006	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2235	PRO1181 (=ribosomal protein L29(RPL29))(= ce	AF116627.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2236	alpha-1-antitrypsin	K01396.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2237	amyloid beta precursor protein-binding protein 1	NM_003905.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2238	antiretroviral factor-1 (=U51007 26S protease	U24704	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2239	ATP-dependent metalloprotease YME1L (contai	AJ132637.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2240	matrix metalloproteinase 13 (collagenase 3) (M	NM_002427.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2241	matrix metalloproteinase 15 (membrane-inserte	NM_002428.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2242	matrix metalloproteinase 2 (gelatinase A, 72kD	XM_048244.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2243	matrix metalloproteinase 9 (gelatinase B, 92kD	NM_004994.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2244	MB1 (=D29011 proteasome subunit X)	X95586	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2245	mitogen-activated kinase kinase kinase 5 (MAP	U67156	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2246	peptidase homolog	AF010141	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2247	plasminogen activator inhibitor-1	J03764	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2248	proteasome activator hPA28 subunit beta	D45248	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2249	proteasome subunit p42	D78275	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2250	protein associated with Myc (=AB020723 KIAA0	AF075587.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2251	protein associated with PRK1 (AWP1), mRNA /c	Hs.83954	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2252	protein regulator of cytokinesis 1 (PRC1)	NM_003981.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2253	sorting nexin 14 (SNX14)	AF121863.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2254	sorting nexin 4	AF065485	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2255	sorting nexin 5 (SNX5)	AF121855.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2256	sorting nexin 7 (SNX7)	AF121857.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2257	TIMP3 tissue inhibitor of metalloproteinases-3	X76227	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2258	BRCA1 associated protein 1 (BAP1)	AF045581	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2259	coated vesicle membrane protein (RNP24)	NM_006815.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2260	F-box protein 7 (FBX7)	NM_012179.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2261	KDEL receptor(Xenopus laevis)	AL035081	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2262	peroxisomal biogenesis factor 12 (PEX12)	NM_000286.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2263	peroxisomal D3,D2-enoyl-CoA isomerase (PEC	AF153612	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2264	peroxisomal enoyl-CoA hydratase-like protein (H	U16660	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2265	peroxisomal farnesylated protein (PXF)	NM_002857.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2266	rapamycin-binding protein (FKBP25) (=M90309)	M90820	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2267	signal recognition particle (SRP54)	U51920	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2268	signal recognition particle 72kD (SRP72)(ORF)	NM_006947.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2269	stimulator of TAR RNA binding (SRB) (=AF0262	U38846	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2270	ubiquitin conjugating enzyme, UbcH6	X92963	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2271	ubiquitin C-terminal hydrolase UCH37 (UCH37)	AF147717.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2272	ubiquitin hydrolyzing enzyme I (UBH1)	AF022789	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2273	ubiquitin-52 amino acid fusion protein	X56998.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2274	ubiquitin-conjugating enzyme E2D 3 (homologou	NM_003340.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2275	ubiquitin-conjugating enzyme E2L 6 (UBE2L6) =	NM_004223.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2276	ubiquitin-conjugating enzyme UbcH2	Z29331	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2277	ubiquitously-expressed transcript (UXT)(ORF)=	NM_004182.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2

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2278	WDR1 protein	AF020260	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2279	bithoraxoid-like protein (BLP)(= HSPC162 protei	AF165516.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2280	glioma-amplified sequence-41 (GAS41)	NM_006530.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2281	MAT-1 oncogene (HUMMAT1H) (=PEA15)	NM_013287.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2282	methyl-CpG binding protein 1 (MBD1)	AF120982.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2283	methyl-CpG binding protein MBD4	AAC68879.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2284	33 kDa transcriptional co-activator (CRSP33) (=	NM_004270.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2285	ataxia telangiectasia and Rad3 related (ATR)	NM_001184.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2286	B cell RAG associated protein (BRAG) (=AB011	AF026477	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2287	B-cell CLL/lymphoma 6 (zinc finger protein 51) (	NM_001706.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2288	bromodomain adjacent to zinc finger domain, 2A	NP_038477.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2289	CAAT-box DNA binding protein subunit B (NF-Y	X59710	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2290	CAG-ls1 7	U16738.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2291	CBF1 interacting corepressor CIR (=U03644.1 re	AF098297.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2292	CCR4-associated factor 1 (POP2)	AF053318	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2293	cellular oncogene c-fos (=K00650)	V01512	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2294	chromatin-specific transCRiption elongation fact	AF152961.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2295	class I histone deacetylase (HDAC8)	AF230097.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2296	ets variant gene 5 (ets-related molecule) (ETV5)	NM_004454.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2297	GC box binding protein	D31716	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2298	hepatocellular carcinoma novel gene-3 protein (L	NM_016651.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2299	HMG-2	X62534.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2300	Id2 protein (Id-2)	M69293.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2301	interferon regulatory factor 2 (IRF2)	NM_002199.2	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2302	jun D proto-oncogene (JUND)	NM_005354.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2303	kaiso (ZNF-kaiso)	gi5803228	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2304	KRAB domain zinc finger protein (ZFP37)	AF022158	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2305	mel transforming oncogene (derived from cell lin	NM_005370.2	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2306	microphthalmia-associated transcription factor (M	NM_000248.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2307	NF-kappa-B transCRiption factor p65 subunit	L19067	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2308	nuclear factor NF-IL6	X52560.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2309	nuclear factor of activated T-cells, cytoplasmic 4	NM_004554.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2310	promyelocytic leukemia zinc finger protein (PLZF	AF060568	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2311	putative transCRiption factor, partial	AJ009770	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2312	RE1-silencing transCRiption factor (REST)	NM_005612.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2313	retinoblastoma-binding protein 1; RBP1 (RefSeq	NP_002883.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2314	retinoblastoma-binding protein 2 (RBBP2)	NM_005056.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2315	SEF2-1A protein (SEF2-1A)	M74718.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2316	seven in absentia (Drosophila) homolog 1 (SIAH	NM_003031.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2317	small zinc finger-like protein (DDP2)	AF150087.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2318	target of myb 1 (TOM1)	AJ006973.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2319	TG-interacting factor (TALE family homeobox) (T	NM_003244.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2320	thyroid hormone receptor-associated protein cor	AF117756.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2321	thyroid receptor interactor trip15	AF100762.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2322	transCRiption elongation factor A (SII)-like 1	M99701	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2323	transCRiption factor ETR101	M62831	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2324	transcription factor IIB	AF093680	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2325	transCRiption factor TFIID subunit TAFII28	X83928	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2326	transCRiption factor WSTF (=AF084479 William	AF072810	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2327	zinc finger protein (MAZ) (=KNLSL4, MAZ)	M94046.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2328	zinc finger protein (ZFD25) (62% aa)	AB027251	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2329	zinc finger protein 137 (ZNF137)	NM_003438.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2330	zinc finger protein 261 (ZNF261) (=AB002383 Ki	gi4827066	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2331	zinc finger protein 264 (ZNF264), mRNA /cds=(3	Hs.117077	0	0.00%	0	0.00%	0	0.00%	1	0.01%	2
2332	zinc finger protein ZNF140-like protein (LOC558	NM_018443.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2333	zinc-finger DNA-binding protein	D45132	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2334	mago-nashi (Drosophila) homolog, proliferation-	NM_002370.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2



Figure 6 - Unique Known Genes Identified In Four cDNA Cartilage Libraries and EST Frequency Analysis - Page 42 of 102

2335 cleavage and polyadenylation specificity factor 7 (AF171877.1) 1 0.01% 0 0.00% 0 0.00% 1 0.01% 2  
2336 DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide NM\_004939.1 1 0.01% 0 0.00% 0 0.00% 1 0.01% 2  
2337 double-stranded RNA-binding nuclear protein NF-AF167569.1 0 0.00% 1 0.01% 1 0.01% 0 0.00% 2  
2338 endonuclease/reverse transCRiptase [Mus musc AAC53542.1 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2339 M5-14 protein (LOC51300) NM\_016589.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2340 nuclear matrix protein NMP200 related to splicing NM\_014502.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2341 Nuclear protein SA-2 (=STAG2) Z75331.1 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2342 nucleic acid binding protein sub2.3 Z29505 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2343 polyA site DNA Z24724.1 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2344 RNA binding motif protein 6 (RBM6) NM\_005777.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2345 RNA binding motif protein 7 AF156098.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2346 RNA binding motif protein 8 (RBM8) (=AF16146 gi4826971 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2347 RNA binding protein 15.5 kD AF155235 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2348 RNA helicase II/Gu protein AF261917.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2349 RNA-directed DNA polymerase (EC pirS21976 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2350 small nuclear ribonucleoprotein polypeptide B" (NM\_003092.1 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2351 small nuclear RNA (U2) L37793.1 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2352 SNAP-23 U55936 1 0.01% 0 0.00% 0 0.00% 1 0.01% 2  
2353 splicing factor 3a, subunit 3, 60kD (SF3A3) NM\_006802.1 1 0.01% 0 0.00% 1 0.01% 0 0.00% 2  
2354 splicing factor arginine/serine-rich 7 (SFRS7) gene L41887.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2355 splicing factor similar to dnaJ (SPF31) NM\_014280.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2356 splicing factor SRp30c gene U87279.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2357 splicing factor, arginine/serine-rich 7 (35kD) (SF NM\_006276.2 2 0.01% 0 0.00% 0 0.00% 0 0.00% 2  
2358 U2 small nuclear ribonucleoprotein auxiliary factor NM\_005083.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2  
2359 U4/U6-associated RNA splicing factor (HPRP3P NM\_004698.1 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2360 U5 snRNP-associated 102 kDa protein AF221842.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2361 mitochondrial 12S and 16S rRNA J01438 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2362 pre-mRNA cleavage factor I subunit AJ001810 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2363 pre-mRNA cleavage factor Im (68kD) (CFIM) (=X 5901927 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2364 pre-mRNA splicing factor SF2p32 M69039 0 0.00% 1 0.01% 1 0.01% 0 0.00% 2  
2365 RNA polymerase I 40kD subunit AF047441 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2366 RNA polymerase II transCRiption factor SIII p18 L42856 2 0.01% 0 0.00% 0 0.00% 0 0.00% 2  
2367 RPB5-mediating protein (RefSeq aa 3e-33) NP\_003787.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2  
2368 MN/CA9 Z54349 2 0.01% 0 0.00% 0 0.00% 0 0.00% 2  
2369 class II invariant gamma-chain X03340 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2370 COT kinase proto-oncogene AF133211.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2  
2371 EBNA-2 co-activator (100kD) (p100) NM\_014390.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2372 immunoglobulin light chain (lambda) (=D80009 K1 D87018 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2373 immunoglobulin heavy-chain AB019441.1 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2374 Jk-recombination signal binding protein (RBPJK) L07872 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2375 male-specific lethal-3 (Drosophila)-like 1 (MSL3) NM\_006800.1 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2376 MHC class I HLA-B51 haplotype A2, B27/B51,C M28205.1 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2377 MHC class I HLA-Bw62 M28204.1 0 0.00% 1 0.01% 0 0.00% 1 0.01% 2  
2378 PC326 protein (PC326) NM\_018442.1 0 0.00% 1 0.01% 1 0.01% 0 0.00% 2  
2379 recombination activating protein (RAG2) M94633 0 0.00% 1 0.01% 1 0.01% 0 0.00% 2  
2380 strain ECOR 52 rII operon AF053964.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2381 brain and reproductive organ-expressed (TNFRS NM\_004899.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2382 ALEX3 protein (ALEX3) NM\_016607.1 1 0.01% 1 0.01% 0 0.00% 0 0.00% 2  
2383 antigen identified by monoclonal antibody Ki-67 NM\_002417.1 2 0.01% 0 0.00% 0 0.00% 0 0.00% 2  
2384 Centrosome- and Golgi-localized PKN-associated AB019691.1 0 0.00% 0 0.00% 0 0.00% 2 0.01% 2  
2385 DnaJ-like protein (Hsj2) AF055664 0 0.00% 0 0.00% 2 0.02% 0 0.00% 2  
2386 hepatocellular carcinoma-associated antigen 58 NM\_016436.1 0 0.00% 1 0.01% 1 0.01% 0 0.00% 2  
2387 MAGE tumor antigen D1 (MAGE-D1) AF124440.1 1 0.01% 0 0.00% 0 0.00% 1 0.01% 2  
2388 modulator recognition factor 2 (MRF-2) M73837.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2  
2389 nuclear protein stromal antigen 1 (SA-1) NM\_005862.1 0 0.00% 0 0.00% 1 0.01% 1 0.01% 2  
2390 paraneoplastic antigen MA1 (PNMA1) NM\_006029.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2  
2391 partial CHI3L1 gene for cartilage glycoprotein-39 AJ251847.1 0 0.00% 2 0.01% 0 0.00% 0 0.00% 2

2335	cleavage and polyadenylation specificity factor 7	AF171877.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2336	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide	NM_004939.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2337	double-stranded RNA-binding nuclear protein NF	AF167569.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2338	endonuclease/reverse transCRiptase [Mus musc	AAC53542.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2339	M5-14 protein (LOC51300)	NM_016589.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2340	nuclear matrix protein NMP200 related to splicing	NM_014502.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2341	Nuclear protein SA-2 (=STAG2)	Z75331.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2342	nucleic acid binding protein sub2.3	Z29505	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2343	polyA site DNA	Z24724.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2344	RNA binding motif protein 6 (RBM6)	NM_005777.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2345	RNA binding motif protein 7	AF156098.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2346	RNA binding motif protein 8 (RBM8) (=AF16146	gi4826971	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2347	RNA binding protein 15.5 kD	AF155235	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2348	RNA helicase II/Gu protein	AF261917.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2349	RNA-directed DNA polymerase (EC	pirS21976	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2350	small nuclear ribonucleoprotein polypeptide B"	(NM_003092.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2351	small nuclear RNA (U2)	L37793.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2352	SNAP-23	U55936	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2353	splicing factor 3a, subunit 3, 60kD (SF3A3)	NM_006802.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2354	splicing factor arginine/serine-rich 7 (SFRS7) ge	L41887.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2355	splicing factor similar to dnaJ (SPF31)	NM_014280.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2356	splicing factor SRp30c gene	U87279.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2357	splicing factor, arginine/serine-rich 7 (35kD) (SF	NM_006276.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2358	U2 small nuclear ribonucleoprotein auxiliary fact	NM_005083.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2359	U4/U6-associated RNA splicing factor (HPRP3P	NM_004698.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2360	U5 snRNP-associated 102 kDa protein	AF221842.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2361	mitochondrial 12S and 16S rRNA	J01438	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2362	pre-mRNA cleavage factor I subunit	AJ001810	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2363	pre-mRNA cleavage factor Im (68kD) (CFIM) (=X	5901927	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2364	pre-mRNA splicing factor SF2p32	M69039	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2365	RNA polymerase I 40kD subunit	AF047441	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2366	RNA polymerase II transCRiption factor SIII p18	L42856	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2367	RPB5-mediating protein (RefSeq aa 3e-33)	NP_003787.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2368	MN/CA9	Z54349	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2369	class II invariant gamma-chain	X03340	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2370	COT kinase proto-oncogene	AF133211.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2371	EBNA-2 co-activator (100kD) (p100)	NM_014390.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2372	immunoglobulin light chain (lambda) (=D80009 K1	D87018	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2373	immunoglobulin heavy-chain	AB019441.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2374	Jk-recombination signal binding protein (RBPJK)	L07872	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2375	male-specific lethal-3 (Drosophila)-like 1 (MSL3)	NM_006800.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2376	MHC class I HLA-B51 haplotype A2, B27/B51,C	M28205.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2377	MHC class I HLA-Bw62	M28204.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2378	PC326 protein (PC326)	NM_018442.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2379	recombination activating protein (RAG2)	M94633	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2380	strain ECOR 52 rII operon	AF053964.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2381	brain and reproductive organ-expressed (TNFRS	NM_004899.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2382	ALEX3 protein (ALEX3)	NM_016607.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2383	antigen identified by monoclonal antibody Ki-67	NM_002417.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2384	Centrosome- and Golgi-localized PKN-associate	AB019691.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2385	DnaJ-like protein (Hsj2)	AF055664	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2386	hepatocellular carcinoma-associated antigen 58	NM_016436.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2387	MAGE tumor antigen D1 (MAGE-D1)	AF124440.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2388	modulator recognition factor 2 (MRF-2)	M73837.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2389	nuclear protein stromal antigen 1 (SA-1)	NM_005862.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2390	paraneoplastic antigen MA1 (PNMA1)	NM_006029.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2391	partial CHI3L1 gene for cartilage glycoprotein-39	AJ251847.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2

Figure 6 - Unique Known Genes Identified In Four cDNA Cartilage Libraries and EST Frequency Analysis - Page 43 of 102

2392	stress protein Herp, = KIAA0025	AB034989	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2393	sulfotransferase family, cytosolic, 1A, phenol-pre	NM_003166.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2394	T-cell activation protein (PGR1) gene	AF116272.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2395	T-cluster binding protein	D64015.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2396	Alg5, S. cerevisiae, homolog of (ALG5) (=AF161	NM_013338.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2397	B-factor, properdin (RefSeq aa 5e-30)	NP_001701.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2398	cytovillin 2 (VIL2) (=X51521 ezrin)	J05021	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2399	lysosomal sialoglycoprotein	D12676.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2400	beta-subunit signal transducing proteins GS/GI	(AF070597	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2401	epithelial membrane protein-3 (=U52101 YMP; U	X94771	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2402	globin alpha	M69023	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2403	integral membrane serine protease Seprase	U76833	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2404	LIM domain only 4 (LMO4)	gi7108354	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2405	multispanning membrane protein	U94831	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2406	PLASMA-CELL MEMBRANE GLYCOPROTEIN	P22413	0	0.00%	1	0.01%	0	0.00%	0	0.00%	2
2407	pM5 protein (PM5)	NM_014287.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2408	progesterone receptor membrane component 2	(Hs.9071	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2409	secretory carrier membrane protein 1 (SCAMP1)	NM_004866.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2410	Translocase of outer mitochondrial membrane 7	NM_014820.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2411	transmembrane glycoprotein (CD44 gene)	AJ251595.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2412	transmembrane protein Jagged 1 (HJ1)	AF028593.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2413	mutL homolog 1 (RefSeq aa 4e-76)	NP_000240.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2414	DNA/RNA-binding protein	U20272.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2415	RAD50	Z75311	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2416	adenylate kinase 1 (hAK1)	AB021871.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2417	adenylate kinase 3 alpha (AK3)	AB021870	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2418	C1-inhibitor	X54486	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2419	carbonyl reductase 1 (CBR1)	NM_001757.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2420	coagulation factor V (proaccelerin, labile factor)	(NM_000130.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2421	glutathione peroxidase 4 (phospholipid hydroper	NM_002085.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2422	glutathione-S-transferase like; glutathione transf	Hs.11465	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2423	gp25L2 protein	X90872	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2424	metallothionein isoform 1R	X97261.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2425	MITOCHONDRIAL THIOREDOXIN-DEPENDEN	spP30048	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2426	peroxiredoxin 5 (PRDX5), mRNA /cds=(36,680)	Hs.31731	0	0.00%	0	0.00%	0	0.00%	1	0.01%	2
2427	thioredoxin-like, 32kD (TXNL)	NM_004786.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2428	truncated SON protein (Son) (=AF161430.1 HSF	AF193607.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2429	von Willebrand factor (=X04385)	M10321	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2430	Arfaptin 2 (partner of RAC1) (POR1)	NM_012402.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2431	Arf-like 2 binding protein BART1	AF126062.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2432	clathrin heavy chain (=D21260 human hypotheti	J03583	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2433	sodium-dependent multivitamin transporter (SM	AF116241.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2434	synaptic glycoprotein SC2 spliced variant	AF038958	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2435	synaptobrevin-like 1 (SYBL1)	gi5032136	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2436	ch-TOG protein (=D43948.1 KIAA0097)	X92474.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2437	centrin 3; Saccharomyces cerevisiaeCDC31 hor	NP_004356.1	0	0.00%	3	0.02%	0	0.00%	0	0.00%	2
2438	CGI-09 protein	AF132943.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2439	CGI-104 protein (=AF078862.1 PTD009)	AF151862.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2440	CGI-107 protein	AF151865.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2441	CGI-108 protein (LOC51013)	NM_016046.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2442	CGI-132 protein	AF151890.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2443	CGI-141 protein	AF151899.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2444	CGI-30 protein (=Z49907 c.elegans diphthine sy	AF132964.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2445	CGI-60 protein (LOC51626),	NM_016008.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2446	CGI-61 protein	AF151819.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2447	CGI-72 protein (RefSeq aa 2e-90)	NP_057102.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2448	CGI-75 protein (RefSeq aa 4e-57)	NP_057104.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2

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2449	CGI-81 protein	AF151839.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2450	CGI-82 protein	AF151840.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2451	CGI-83 protein (LOC51110)	NM_016027.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2452	CGI-97 protein	AF151855.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2453	cytoplasmic dynein intermediate chain 2 (Dncl2)	AF063231	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2454	cytoplasmic intermediate filament protein	AJ004935.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2455	Dynein intermediate chain 2, cytosolic (dh ic-2) (spO88487	spO88487	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2456	golgin-like protein (GLP) gene (=U61167.1 SH3 d	AF266285.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2457	kinesin family member 4 (KIF4), mRNA	NM_012310.2	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2458	microtubule-associated protein 1a (MAP1A)	U38292.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2459	MICROTUBULE-ASSOCIATED PROTEIN 1B [C	P46821	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2460	NC2 alpha	X96506.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2461	Norrie disease protein (NDP)	X65882	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2462	collagen-binding protein 2 (collagen 2) (CBP2)	NM_001235.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2463	entactin	X14194	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2464	epsilon-sarcoglycan	AJ000534.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2465	hematopoietic proteoglycan core protein (=M900	X17042	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2466	osteonidogen (=AJ223500 nidogen-2)	D86425	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2467	STIP1 homology and U-Box containing protein 1	NM_005861.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2468	tenascin	X56160	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2469	lymphocyte cytosolic protein 1 (L-plastin) (LCP1	NM_002298.2	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2470	actin binding protein MAYVEN	AF059569.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2471	actin depolymerizing factor	S65738	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2472	adapter protein CMS	AF146277.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2473	alpha-actinin-2 associated LIM protein	AF002282	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2474	CRystallin, zeta (quinone reductase)-like 1 (CRY	NM_005111.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2475	cytoplasmic dynein heavy chain (=AB002323 Hu	D13896	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2476	gamma adducin	Y14379.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2477	keratin 18 (K18)	M24842	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2478	plakophilin 2b (ORF)	X97675	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2479	profilin	J03191	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2480	utrophin (homologous to dystrophin) (UTRN)	NM_007124.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2481	actin related protein 2/3 complex, subunit 3 (21	Hs.6895	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2482	muscle-specific protein (LOC51778)	NM_016599.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2483	myosin X (MYO10)	AF247457.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2484	myosin, heavy polypeptide 3, skeletal muscle, e	XM_052579.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2485	myotubularin related protein 6	AF072928	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2486	integral inner nuclear	NM_014319.2	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2487	lamin A/C (LMNA)	XM_044160.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2488	nucleoporin p54	U63840	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2489	plectin (PLEC1)	U63610	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2490	aryl hydrocarbon receptor-interacting protein (A	NM_003977.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2491	Toll-like receptor 2 (TLR2) mRNA, (ORF)	U88878	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2492	Toll-like receptor 4 (TLR4)	U88880	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2493	B219/OB receptor isoform HuB219.1	U52912	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2494	bone morphogenetic protein receptor, type IA (B	NM_004329.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2495	Ets transCRIPTION factor (NERF-2)	U43188	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2496	Fc-gamma-receptor IIIB (FCGR3B)	M90746	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2497	G protein gamma 5 subunit	AF038955.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2498	G protein-coupled receptor 69A (GPR69A) (=p4	NM_006055.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2499	histamine N-methyltransferase(HNMT)	U08092	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2500	h-ryk	X69970.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2501	interferon gamma receptor 1 (IFNGR1) (ORF)	NM_000416.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2502	interferon gamma receptor accessory factor-1 (A	U05877	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2503	interleukin 16 (IL16)	AF077011	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2504	mannose receptor, C type 1 (MRC1)	NM_002438.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2505	nuclear receptor coactivator 3 (NCOA3)	NM_006534.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2

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2506	nuclear receptor co-repressor 1 (NCOR1)	NM_006311.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2507	nuclear receptor subfamily 4, group A, member 2	NM_006186.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2508	nuclear RNA helicase, DECD variant of DEAD box	NM_005804.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2509	PAR3 (PAR3)	AF252293.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2510	peripheral benzodiazepine receptor-associated	NM_004758.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2511	platelet-derived growth factor A chain (PDGFA)	M83575	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2512	PMEPA1 protein (PMEPA1)	NM_020182.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2513	retinoic acid-binding protein II (CRABP-II) (=M68	M97814	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2514	RYK tyrosine kinase	S59184.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2515	TRIP6 (thyroid receptor interacting protein) (=AF	AJ001902	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2516	v-jun avian sarcoma virus 17 oncogene homolog	NM_002228.2	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2517	xenotropic and polytropic murine leukemia virus	AF089744.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2518	14-3-3 protein, a protein kinase regulator	X56468	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2519	bifunctional ATP sulfurylase/adenosine 5'-phosp	AF033026.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2520	calmodulin-dependent protein phosphatase cata	L14778	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2521	ERK activator kinase (MEK2)	L11285	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2522	mitogen-responsive phosphoprotein DOC-2	U53446	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2523	protein kinase C, mu (PRKCM)	NM_002742.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2524	serine-threonine protein kinase (MNBH)	AF108830.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2525	cAMP-specific phosphodiesterase 8B (PDE8B)	AF079529	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2526	cGMP phosphodiesterase	X62695	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2527	monoamine oxidase B (MAOB)	NM_000898.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2528	A kinase (PRKA) anchor protein 2 (AKAP2)(= KI	NM_007203.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2529	associated molecule with the SH3 domain of ST	NM_006463.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2530	adenomatosis polyposis coli (APC)	gi4557318	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2531	breakpoint cluster region (BCR) gene	U07000.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2532	brefeldin A-inhibited	NM_006421.2	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2533	dexamethasone-induced ras-related protein 1 (D	AF262018.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2534	guanine nucleotide exchange factor p532	U50078	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2535	GUANINE NUCLEOTIDE-BINDING PROTEIN B	spP25388	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2536	low-Mr GTP-binding protein (RAB32)	U59878	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2537	MAD-3 (Ikb-like activity)	M69043	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2538	N-acetylneuraminic acid phosphate synthase; si	NM_018946.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2539	nucleolar GTPase (HUMAUAUTIG)	NM_013285.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2540	Rab5-interacting protein	AF112213.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2541	Rab9 effector p40	Z97074	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2542	Ran_GTP binding protein 5	Y08890.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2543	Ras suppressor protein 1(RSU1),(= RSU-1/RSP	NM_012425.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2544	Rho guanine nucleotide exchange factor (GEF)	NM_004706.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2545	Rho guanine nucleotide-exchange factor, splice	AJ010045.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2546	Rho-associated, coiled-coil containing protein kin	NM_005406.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2547	SH3 binding protein	AB005047	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2548	SH3-domain binding protein 5 (BTK-associated)	NM_004844.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2549	signal transducing adaptor molecule (SH3 doma	NM_003473.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2550	small GTP-binding protein rab22b	AF183421.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2551	Src-like-adaptor (SLA)	NM_006748.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2552	adrenal specific pG2 (=U15981 dlk)	X17544	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2553	novel antagonist of FGF signaling (sprouty-1)	AF041037.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2554	abundant in neuroepithelium area (BTG3) (=D64	gi5802989	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2555	bone morphogenetic protein 5 (BMP5)	NM_021073.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2556	bone morphogenetic protein-3b gene	D49493.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2557	folliculin	M19480	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2558	glioblastoma amplified sequence (GBAS)	AF029786	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2559	growth associated protein 43 (GAP43)	NM_002045.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2560	hepatocyte growth factor activator inhibitor type	AB006534	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2561	hepatoma-derived growth factor	D16431	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2562	high-risk human papilloma viruses E6 oncoprote	AF090989.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2

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2563	interferon-gamma	U10360	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2564	macrophage-specific colony-stimulating factor (C	M37435.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2565	midkine (neurite growth-promoting factor 2) (MD	gi4505134	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2566	monocyte chemotactic protein-3 (MCP-3)	X72308	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2567	neuromedin B	M21551	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2568	p8 protein (candidate of metastasis 1) (P8)	NM_012385.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2569	polydom protein	AAG32160.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2570	SKI-INTERACTING PROTEIN (RefSeq aa 7e-5)	NP_036377.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2571	uncharacterized bone marrow protein BM042 (B	NM_018458.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2572	cullin 5 (CUL5)	NM_003478.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2573	ADP-ribosylation factor 6 (ARF6)	NM_001663.2	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2574	ADP-ribosylation factor domain protein 1, 64kD	(NM_001656.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2575	ADP-ribosylation factor[arf]-directed GTPase act	gi4502248	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2576	ADP-ribosylation factor-like 3 (ARL3)	NM_004311.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2577	calcyclin binding protein	AF057356.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2578	FE65-like protein (hFE65L)	U62325.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2579	hepatocyte growth factor-like protein homolog (h	U28055	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2580	monocyte/neutrophil elastase inhibitor	AF053630	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2581	poly (ADP-ribose) polymerase (=J03473; M2978	M18112	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2582	chloride channel nucleotide-sensitive, 1A (CLNS	NM_001293.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2583	ecotropic viral integration site 5 (EVI5)	NM_005665.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2584	JTV-1 (JTV-1)	U24169	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2585	membrane protein, type II clone:HP10390	AB015631.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2586	membrane protein-like protein	U21556	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2587	potassium voltage-gated channel, delayed-rectif	NM_002252.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2588	stomatin-like protein 2 (SLP-2)	NM_013442.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2589	voltage-dependent anion channel isoform 2 (VD	AF152227.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2590	MacMarcks	X70326	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2591	mast cell carboxypeptidase A	M27717	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2592	cell adhesion protein (vitronectin) receptor alpha	M14648	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2593	goliath protein	AF155650.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2594	integrin alpha-11 subunit precursor (ITGA11)	AF109681.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2595	integrin, alpha V(vitronectin receptor, alpha poly	NM_002210.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2596	platelet/endothelial cell adhesion molecule-1 (PE	L34657	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2597	protocadherin 43 gene	AF119570	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2598	TRAF and TNF receptor associated protein (tra	AJ269473.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2599	chromodomain helicase DNA binding protein 4 (	NM_001273.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2600	chromodomain protein, Y chromosome-like (CD	NM_004824.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2601	chromosome-associated polypeptide C (CAP-C)	NM_005496.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2602	Gu protein = PC6010 RNA helicase Gu	U41387.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2603	histone acetyltransferase (HBOA)	NM_007067.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2604	histone acetyltransferase (MORF), (ORF)	NM_012330.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2605	histone deacetylase 2 (HDAC2) (=U31814 trans	gi4557640	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2606	histone maCRoH2A1.2	AF054174	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2607	non-histone chromatin protein HMG1 (HMG1) ge	U51677.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2608	SCG10 like-protein, helicase-like protein NHL, M	AF217796.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2609	telomerase binding protein p23 (LOC56351)	NM_019766.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2610	menage a trois 1 (CAK assembly factor) (MNAT	NM_002431.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2611	camptothecin resistant clone CEM/C2 DNA topo	U07806.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2612	cdc14 homologue	AF000367	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2613	CDC28 protein kinase 2 (CKS2)	4502858	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2614	cell cycle protein (PA2G4) gene	AF104670.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2615	cell division cycle 20, S.cerevisiae homolog (CD	NM_001255.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2616	cullin 2 (CUL2)	AF126404.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2617	dedicator of cytokinesis 1 (DOCK1)	NM_001380.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2618	DNA for (CGG)n trinucleotide repeat region, isol	AJ001216.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2619	G1 to S phase transition 1 (GSPT1)	XM_055673.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2

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2620	growth arrest-specific 6 (GAS6)	NM_000820.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2621	growth arrest-specific 7 (GAS7), transCRipt vari	5360211	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2622	GTP-binding protein RAB21 (RAB21) = KIAA01	AF091035	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2623	MAC30	L19183	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2624	rhoB	M74295	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2625	Topoisomerase I	CAA18536.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2626	X-linked nuclear protein (ATRX)	AF000160	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2627	API5-like 1 (API5L1)	NM_006595.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2628	beclin 1 (BECN1)mRNA, (=beclin 1 (coiled-coil,	AF139131.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2629	BNIP3L	AB004788.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2630	CASP8 associated protein 2 (RefSeq aa 2e-87)	NP_036247.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2631	CED-6 protein (CED-6)	NM_016315.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2632	dual-specificity protein phosphatase	U15932.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2633	neuronal apoptosis inhibitory protein	U19251	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2634	NOD1 protein (NOD1) gene	AF149773.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2635	programmed cell death 6 (PDCD6)	NM_013232.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2636	45kDa splicing factor	AF083384	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2637	KH-type splicing regulatory protein (KHSRP)	NM_003685.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2638	polymerase (DNA-directed) kappa (POLK), mRN	Hs.135756	1	0.01%	1	0.01%	0	0.00%	1	0.01%	2
2639	polymerase (RNA) II (DNA directed) polypeptide	NM_006234.1	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2640	Replication factor C (activator 1) 4 (37kD)	NM_002916.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2641	replication protein A1 (70kD) (RPA1)	NM_002945.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2642	replication protein A2 (32kD)(RPA2)	NM_002946.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2643	anaphase-promoting complex subunit 4 (APC4)	NM_013367.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2644	cell division control protein 16 (CDC16) mRNA, c	AF164598.1	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2645	cysteine and glycine-rich protein 2 (CSR2) (cor	U95018	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2646	Notch2-like (Notch2l)	NM_008715.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2647	p53 regulated PA26 nuclear protein (PA26)	NM_014454.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2648	proto-oncogene (Wnt-5a)	L20681.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2649	Pro-X carboxypeptidase precursor (RefSeq aa 7	NP_005031.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2650	ras inhibitor	M37190	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2651	SEPTIN 2 HOMOLOGUE (SEP2)	Q14141	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2652	tumor antigen SLP-8p (HCC8)= AF102177.1(OR	NM_016516.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2653	tumor differentially expressed 1 (RefSeq aa 1e-7	NP_006802.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2654	tumor necrosis factor alpha-induced protein 6 (T	NM_007115.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2655	tumor neCRosis factor receptor	M58286	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2656	tumor necrosis factor(ligand) superfamily, memb	NM_003810.1	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2
2657	tumor protein D52 (TPD52)(= N8=tumor express	NM_005079.1	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2
2658	tumor suppressor protein (101F6), putative	AF040704	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2659	tumor susceptibility protein (TSG101)	U82130	1	0.01%	0	0.00%	0	0.00%	1	0.01%	2
2660	integral type I protein	NM_007364.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2661	musculus DnaJ-like protein 1 (Dnajl1)	NM_007869.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	2
2662	PROBABLE ARP2/3 COMPLEX 20 KD SUBUNIT	spQ18491	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2663	protein kinase NY-REN-64 antigen (LOC51135)	NM_016123.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2664	semipalmatus 18S ribosomal RNA gene, comple	AF173638.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2665	19 kDa subunit of NADH (complex I)	X59697	2	0.01%	0	0.00%	0	0.00%	0	0.00%	2
2666	proteasome (prosome macropain) activator subu	NM_002818.1	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2667	proteasome subunit p45 26S	D44467	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2668	F-box only protein 2 (FBXO2)	NM_012168.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2669	ubiquitin specific protease	NM_004505.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2670	transCRiption factor ZFM1 (=L49380;L49345;Y0	D26120	1	0.01%	0	0.00%	1	0.01%	0	0.00%	2
2671	RNA for Golgi protein (GPP34 gene)	AJ296152.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	2
2672	dnhc2 cytoplasmic dynein heavy chain	AB041881.1	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2673	kinesin family member 3B (KIF3B) (=KIAA0359)	NM_004798.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	2
2674	CAK1 mRNA for Cdk-activating kinase=cyclin-de	X77303	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2675	guanylate binding protein isoform I (GBP-2)	M55542	0	0.00%	0	0.00%	2	0.02%	0	0.00%	2
2676	CYTOCHROME C OXIDASE POLYPEPTIDE VI	P09669	0	0.00%	0	0.00%	0	0.00%	2	0.01%	2

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2677	solute carrier family 16 (monocarboxylic acid tra	NM_004731.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	2
2678	eukaryotic translation initiation factor 4B (EIF4B)	NM_001417.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2679	mitogen inducible gene mig-2	Z24725	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2680	metallothionein	X97260	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2681	nucleoplasmin-3 (NPM3)	AF081280	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2682	ATP SYNTHASE COUPLING FACTOR 6, MITO	spP18859	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2683	cytochrome c oxidase COX subunit IV (COX IV)	M21575	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2684	aminopeptidase PILS (APPILS)	AF183569.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2685	heat shock protein, DNAJ-like 2 (HSJ2)	NM_001539.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2686	cytochrome P450 (CYP1A2)	M31667	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2687	integral membrane protein Tmp21-I (p23)	AJ004913.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2688	cadherin 11, OB-cadherin(osteoblast) (CDH11)	NM_001797.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2689	solute carrier family 4, anion exchanger, membe	NM_005070.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2690	beta-galactosidase (GLB1)	M34423.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2691	protein phosphatase 2A 130 kDa regulatory sub	L07590	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2692	5' cap guanine-N-7 methyltransferase (RNMT)	AF067791.1	0	0.00%	0	0.00%	1	0.01%	1	0.01%	1
2693	calcineurin A1	M29550.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2694	baculoviral IAP repeat-containing 6 (BIRC6)	NM_016252.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2695	PTD019 (=HSPC203)	AF226729.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2696	spastic paraplegia 4	NM_014946.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2697	uncharacterized protein	AK002062	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2698	a disintegrin and metalloproteinase domain 28 (	NM_014265.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2699	procollagen-proline, 2-oxoglutarate4-dioxygenas	NP_000908.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2700	proteasome (prosome, maCRopain) 26S subunit	NM_002816.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2701	c-maf long form	AF055377.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2702	Kruppel-like zinc finger protein Zf9	AF001461	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2703	Tat-interacting protein (30kD) (TIP30)	5454125	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2704	zinc finger protein	L16896	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2705	zinc finger protein 22 (KOX 15) (RefSeq aa 1e-4	NP_008894.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2706	ribonucleoprotein gene 60-kD SS-A/Ro D8	U44388.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2707	betaglycan (TBR III gene)	AJ251961.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2708	Estrogen receptor 1 (ESR1)	NM_000125.1	0	0.00%	1	0.01%	0	0.00%	1	0.01%	1
2709	glucocorticoid-induced leucine zipper GILZ prote	AF024519	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2710	activated leucocyte cell adhesion molecule (ALC	NM_001627.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2711	BCL2-associated athanogene 3 (BAG3), mRNA	Hs.15259	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2712	fetal liver cDNA library	AI133292.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2713	unnamed protein product	BAB15083.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2714	solute carrier family 16 (monocarboxylic acid tra	gi4759113	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2715	muscle-type phosphofructokinase (PFK-M) gene	M59741	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2716	protein tyrosine phosphatase (PRL-1)	L39000	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2717	5-lipoxygenase activating protein (FLAP) (arach	M63262.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2718	NADH dehydrogenase (ubiquinone) 1 alpha sub	NM_004542.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2719	SUCCINATE DEHYDROGENASE [UBIQUINON	spP31040	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2720	translation initiation factor IF2 (IF2)(ORF)	NM_015904.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2721	PROTEASOME THETA CHAIN (MACROPAIN T	spP49720	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2722	general transcription factor IIE, polypeptide 2	NM_002095.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2723	hematopoietic-derived zinc fingerprotein (RefSeq	NP_004867.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2724	zinc finger protein 208(ZNF208)	NM_007153.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2725	ZNF202 beta (ZNF202)	AF027219	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2726	pirin (PIR)	gi4505822	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2727	U6 snRNA	X59362	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2728	RNA polymerase II subunit	U37690.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2729	mitochondrial ribosomal protein L20 (MRPL20),	XM_027716.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2730	MHC class I HLA-C-alpha-2 chain	M24097	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2731	beta-preprotachykinin	X54469.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2732	pre-B-cell colony-enhancing factor (PBEF)	NM_005746.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2733	adaptor-related protein complex 3, beta 1 subun	NM_003664.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1



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2734	transmembrane 4 superfamily member (tetraspa	NM_012338.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2735	adaptor-related protein complex 3, delta 1 subun	NM_003938.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2736	seven transmembrane domain protein (NIFIE14)	NM_006326.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2737	DNA topoisomerase III	U43431.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2738	SWI/SNF related, matrix associated, actin deper	NP_003061.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2739	methyltransferase (HASJ4442)	NM_017528.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2740	collagen binding protein 2	D83174.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2741	syndecan-1 gene (exons 2-5)	Z48199.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2742	CC-chemokine receptor(CCR-5) gene, delta-32	AF009962.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2743	interferon, alpha-inducible protein 27(RefSeq aa	NP_005523.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2744	mitogen-activated protein kinase 6 (MAPK6)	NM_002748.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2745	MAD (mothers against decapentaplegic, Drosop	NM_005904.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2746	developmentally regulated GTP-binding protein	X80754	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2747	melanoma differentiation associated (mda-6)= L	U09579.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2748	ADP-ribosylation factor-like 1 (ARL1)	NM_001177.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2749	mannose-specific lectin (MR60)	U09716.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2750	postmeiotic segregation increased 2-like 8 (RefS	NP_005385.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2751	spindlin (Spin)	NM_011462.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2752	p53 binding protein	U82939.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2753	BRAIN PROTEIN I3	P28662	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2754	cerebellar degeneration-related protein (34kD) (	NM_004065.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2755	fetal brain oculocerebrorenal syndrome (OCLR1	U57627	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2756	fungal sterol-C5-desaturase homolog	D85181.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2757	HSPC280	AF161398.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2758	HSPC282	AF161400	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2759	hypothetical protein MGC3037 (MGC3037), mRN	Hs.301789	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2760	immature colon carcinoma transcript 1(RefSeq a	NP_001536.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2761	integral membrane protein type II (NKG2-D) (=U	AF001297	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2762	isolate Indonesian 79 type 299 mitochondrial co	AF176203	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2763	KIAA0250 gene	NM_014837.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2764	KIAA0260 gene	D87449.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2765	KIAA0388	AB002386.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2766	KIAA0576 protein	AB011148.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2767	NTT gene (L1 Alu and MER 38 repeat regions)	U54776.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2768	ORF2-like protein	AAD04635.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2769	PMS2L13	AB017004.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2770	putative (LOC116228), mRNA	XM_057659.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2771	RAB, member of RAS oncogene family-like 2B (	NM_007081.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2772	sushi-repeat protein (SRPUL)	NM_014467.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2773	VACUOLAR ATP SYNTHASE SUBUNIT H (V-A	spO15342	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2774	nicotinamide nucleotide transhydrogenase (NNT	NM_012343.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2775	palmitoylated membrane protein 3 (RefSeq aa 1	NP_001923.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2776	protein phosphatase 4 regulatory subunit 1 (PPF	NM_005134.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2777	POLY(A) POLYMERASE (PAP) (POLYNUCLEO	spP51003	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2778	ATP-citrate lyase	X64330	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2779	phosphatidic acid phosphatase type 2c (Ppap2c	AF123611.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2780	cytochrome c (HS7) processed pseudogene	M22893.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2781	mitochondrial 3-ketoacyl-CoA thiolase beta-subu	D16481.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2782	mitochondrial acetoacetyl-coenzyme A thiolase	D90228	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2783	mitochondrial elongation factor G	L14684	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2784	mitochondrial F1FO-type ATPase subunit d	AF087135.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2785	NADH dehydrogenase (ubiquinone) 1 alpha sub	NP_004993.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2786	ubiquinol cytochrome-c reductase core I protein	L16842	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2787	aspartyl protease(BACE2) mRNA, complete cds	AF188277.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2788	carbamyl phosphate synthetase I	AF154830.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2789	glutamine:fructose-6-phosphate amidotransferas	M90516.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2790	selenium donor protein (selD)	U34044	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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2791	tousled-like kinase 1 (RefSeq aa 1e-49)	NP_036422.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2792	peroxisomal biogenesis factor 3 (PEX3)	NM_003630.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2793	peroxisome biogenesis disorder protein 1 (PEX1)	AF026086	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2794	signal recognition particle receptor ('docking prot	NM_003139.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2795	UBIQUITIN CARBOXYL-TERMINAL HYDROLA	spO75317	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2796	ubiquitin specific protease 11 (USP11)	NM_004651.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2797	ASH2L (absent, small, or homeotic, Drosophila,	NM_004674.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2798	c-myc gene	1001205A	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2799	colon Kruppel-like factor (CKLF)	AF132818.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2800	general transcription factor IIF, polypeptide 1 (74	NM_002096.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2801	hedgehog-interacting protein (Hip)	AF116865.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2802	HZF3 mRNA for zinc finger protein(ORF)	X78926	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2803	Nef-associated factor 1(NAF1) mRNA	NM_006058.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2804	retinoblastoma-binding protein 8 (RBBP8)	NM_002894.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2805	transCRiption elongation factor S-II, hS-II-T1	D50495	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2806	transCRiption factor 4, Helix-loop-helix transCRi	M65209	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2807	zinc finger protein (PRD51) gene	U88082.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2808	Zinc-finger helicase (hZFH)	U91543.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2809	capping enzyme (HCE)	AF025654	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2810	cleavage and polyadenylation specific factor 4, 3	NM_006693.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2811	DEAD-box protein p72 (P72)	U59321	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2812	TFIID subunit p22	D50544	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2813	U5 snRNP 100 kD protein	AF026402.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2814	nasopharyngeal carcinoma susceptibility protein	NP_037407.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2815	HLA-B gene (HLA-B*0801 allele), complete cds	D83956.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2816	diphtheria toxin resistance protein required for dip	NM_001383.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2817	heat-responsive protein 12 (Hrsp12)	NM_008287.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2818	neuronal tissue-enriched acidic protein (NAP-22	AF039656	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2819	xeroderma pigmentosum complementation group	NM_004628.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2820	carbonic anhydrase II (CA2)	NM_000067.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2821	PKCq-interacting protein PICOT (PICOT) (ORF)	AF118652	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2822	hect domain and RLD 3 (HERC3)	NM_014606.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2823	33 kDa Vamp-associated protein (VAP33)	AF044670	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2824	CGI-76 protein	AF151834.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2825	ankyrin-like protein	Y10601.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2826	F-actin capping protein beta subunit	U03271	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2827	cardiac ventricular troponin C	AF020769	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2828	tropomyosin isoform	Z24727	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2829	22 kDa peroxisomal membrane protein-like (LOC	NM_018663.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2830	angiotensin receptor 1 (AGTR1)	NM_009585.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2831	dickkopf (Xenopus laevis) homolog 1 (DKK1)	NM_012242.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2832	epidermal growth factor receptor substrate (eps1	U07707	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2833	FYN oncogene related to SRC, FGR, YES (FYN	NM_002037.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2834	G protein Golf alpha gene	U55184.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2835	glucocorticoid receptor alpha	U25029.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2836	Homer, neuronal immediate early gene, 1B (SYN	NM_004272.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2837	interferon, alpha-inducible protein (clone IFI-6-16	NM_002038.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2838	interleukin 6 signal transducer (gp130, oncostati	NM_002184.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2839	vesicle-associated soluble NSFattachment prote	NP_006361.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2840	mitogen-activated protein kinase 7 (MAPK7)	NM_002749.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2841	phosphoenolpyruvate carboxykinase (PCK1) (ck	L05144	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2842	serine/threonine protein phosphatase catalytic s	NM_016294.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2843	serine-arginine-rich splicing regulatory protein S	AAAF37578.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2844	tyrosine kinase (HTK)	U07695	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2845	cAMP-specific phosphodiesterase 4D (PDE4DN	AJ250854.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2846	RAB23 protein (LOC51715)(HSPC137)	NM_016277.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2847	Rab3D (rab3d)	AF263366.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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2848	alpha-amidating monooxygenase	AF010472	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2849	granulin (GRN)	NM_002087.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2850	monocyte chemoattractant protein 4	X98306	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2851	uncharacterized hematopoieticstem/progenitor c	NP_060936.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2852	ADP-ribosyltransferase (NAD ; poly (ADP-ribose	gi5915659	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2853	calcizzarin (=D49355 S100C protein; X80201 M	D38583	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2854	ABC transporter umat (ABCB6 gene)(= MT-ABC	AJ289233.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2855	heme-regulated eukaryotic initiation factor 2 alpt	AF255050.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2856	potassium inwardly-rectifying channel, subfamily	NP_002236.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2857	PAK-interacting exchange factor beta (P85SPR)	NM_003899.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2858	Heterochromatin protein 1 gamma	AB030905.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2859	histone deacetylase 6 (KIAA0901)	NM_006044.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2860	histone stem-loop binding protein (SLBP)	U75679	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2861	RecQ protein-like (DNA helicase Q1-like) (RECC	NM_002907.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2862	CYCLIN A/CDK2-ASSOCIATED PROTEIN P19	spP34991	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2863	polymerase (RNA) II (DNA directed) polypeptide	NP_000929.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2864	10kD protein (BC10)	AF053470	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2865	14-3-3 sigma protein promoter and gene, comple	AF029081.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2866	19.5 protein	M32486	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2867	1-aminocyclopropane-1-carboxylate synthase	A35516	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2868	23 kD highly basic protein	X56932	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2869	2-hydroxyacid dehydrogenase	AF113251.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2870	2-hydroxyphytanoyl-CoA lyase (RefSeq aa 7e-6)	NP_036392.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2871	3-7 gene product	D64159	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2872	3pv2 and 5p152 genes	spJP39194	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2873	40 kDa product (=M19503 ORF1; putative)	AAB59367.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2874	54TmP (54tm) (=S83365 RAB5-interaction prote	AF004876	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2875	55 kDa protein	AF155658.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2876	7h3 protein	AF209931	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2877	88.8 kDa protein	AF225417.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2878	959 kb contig between AML1 and CBR1 on chro	AJ229043.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2879	ABL (M8604 Met) gene	U07561.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2880	acetyl LDL receptor; SREC=scavenger receptor	NM_003693.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2881	acetylserotonin N-methyltransferase-like (ASMT	gi4757793	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2882	acid phosphatase type 5	X14618	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2883	Acyl carrier protein, Mitochondrial (ACP) (non-ex	AC002400	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2884	AD-012 protein (LOC55833) (=AB040924 KIAA1	gi8923858	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2885	AD-014 protein	AF150733.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2886	ADMLX=putative adhesion molecule [human m	S60088	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2887	adrenal gland protein AD-002	AF110775.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2888	adrenal gland protein AD-004 (RefSeq aa 2e-91)	NP_057367.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2889	ANC_2H01 (ORF)	AF003924.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2890	ancient ubiquitous protein 1(AUP1), mRNA	NM_012103.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2891	androgen-regulated short-chain dehydrogenase/	AF167438.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2892	antigen NY-CO-25(NY-CO-25) (=KIAA0201)	AF039695.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2893	antigen NY-CO-41 (NY-CO-41)(= clone DKFZp5	AF039701.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2894	antigen NY-CO-9 (NY-CO-9) (=AB011172 hypot	AF039691	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2895	antigenic determinant of recA protein (mouse) h	BC017309.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2896	anti-oncogene	M98056.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2897	APMCF1 (APMCF1)	AF141882.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2898	arsenate resistance protein ARS2 arsenite-resis	NP_056992.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2899	arsenite translocating ATPase (ASNA1) (=U602	AF047469	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2900	atypical PKC specific binding protein	AB005549	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2901	autonomously replicating sequence (ARS)	L08437.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2902	autosomal dominant polycystic kidney disease t	AF054992.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2903	AV723190 HTB cDNA clone HTBAXA03 5'	AV723190.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2904	B.subtilis YQJC protein (TR:G1303954)	CAA98118.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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2905	B12 protein	M80783.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2906	B17	AF232674.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2907	B6D2F1(clone 2C11B)	U01139	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2908	Bak protein	U23765	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2909	BANP homolog (FLJ20538)	NM_017869.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2910	BCL7B protein	X89985	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2911	BCNT	AB009270	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2912	beta-ureidopropionase	NM_016327.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2913	blood-stage membrane protein Ag-1 [Plasmodium falciparum]	AF103869	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2914	BNIP3H (BNIP3H) nuclear gene for mitochondria	AF255051.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2915	Br140	M91585	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2916	brain 4.1(L) protein (=AB002336 Human KIAA0319)	AB019257.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2917	breast adenocarcinoma marker (32kD) (BC-2)	NM_014453.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2918	BRI3	AF272043.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	1
2919	brother of CDO (BOC)	AY027658.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2920	C13F10.4 gene product [Caenorhabditis elegans]	U97006	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2921	C1D protein (nuclear DNA-binding protein)	X95592	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2922	C367G8.1 (melanoma antigen P15) (LOC124100)	XM_058771.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2923	C43H8.1 gene product	AF098499	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2924	C44E4.5 gene product	AF003140	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2925	C6f mRNA, partial 3'UTR	U72516.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2926	calmodulin-like, processed pseudogene (302 bp)	M73792.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2927	candidate tumor suppressor protein DICE1	AF097645.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2928	CDM (=ref[NM_005745.2] accessory proteins B)	Z31696.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2929	cell-line RPMI 8226 chloride ion current inducer	AF232225	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2930	CGI-111 protein (LOC51015)	NM_016048.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2931	CGI-113 protein	AF151871.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2932	CGI-126 protein	AF151884.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2933	chorionic gonadotropin beta subunit	K03189	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2934	choroideremia (ORF)	X78121	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2935	Churchill protein	AAG09759.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2936	citb_173_i_12	AC005887.3	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2937	citb_179_n_3	AC005210.3	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2938	citb_43_a_11, complete sequence	AC005880.3	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2939	citb_79_e_16, complete sequence	AC005881.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2940	clock (mouse) homologue (CLOCK) (=AB002336)	gi4758009	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2941	cn04g01.y1 Normal Human Trabecular Bone Cell	AI750662.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2942	CocoaCrisp (LOC83690), mRNA /cds=(85,1587)	Hs.182364	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2943	COP9 subunit 6 (MOV34 homolog, 34 kD)(RefSeq)	NP_006824.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2944	COX4AL	AF005888	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2945	cp1508.seq.F Human fetal heart, Lambda ZAP Express	AA248069	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2946	CpG island DNA genomic MseI fragment, clone	Z61961.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2947	CpG island DNA genomic MseI fragment, clone	Z62622.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2948	CSR2	AB007830.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2949	CTD-2314M3	AC026273.7	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2950	CTP synthase (CTPS)	NM_001905.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2951	CUB and Sushi multiple domains 1 (CSMD1), mRNA	Hs.123468	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2952	CX3C chemokine precursor	U84487	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2953	cystinosin	AJ222967	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2954	cytokine SDF-1-beta (=L36033)	U16752	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2955	cytokine-like factor-1 precursor (CLF-1)	AF059293	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2956	D15F37 pseudogene, S4 allele	AF041081.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2957	D54 isoform (hD54)	AF004429.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2958	DAN gene	D89013	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2959	dbpB-like protein	L28809.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2960	DC11 protein (RefSeq aa 3e-63)	NP_064571.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2961	DC6 protein (RefSeq aa 2e-52)	NP_064574.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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2962	D-dopachrome tautomerase (=U49785; Y11151)	AF058293	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2963	DEAD (aspartate-glutamate-alanine-aspartate) b	NM_007841.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2964	differentiation-related gene 1 (nickel-specific ind	NM_006096.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2965	dJ1158H2.1 (novel protein similar to D. melanog	CAC05315.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2966	dJ28H20.2 (novel protein)	CAC00561.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2967	dJ671D7.1 (similar to D. melanogaster CG5986	CAC04152.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2968	dJ756N5.2 (A novel protein (DKFZp727M231) si	CAC14946.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2969	dJ93K22.1 (novel protein (contains DKFZP564B	AL050333	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2970	Dlgh1 homologue	U93309	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2971	DMBT1 candidate tumour suppressor gene, exo	AJ243211.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2972	DMR-N9 myotonic dystrophy kinase (DM kinase	L08835.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2973	DNA containing putative Ac-like transposon	Y17156	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2974	DNA for tob family, complete cds	D78382.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2975	Down syndrome critical region gene 1-like 1	NM_005822.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2976	down-regulator of transCRiption 1, TBP-binding	NM_001938.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2977	DROME TWISTED GASTRULATION PROTEIN	spP54356	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2978	DSCR5a	AB037162.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2979	dUTP pyrophosphatase (DUT)	NM_001948.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2980	DVS27-related protein	BAA75892.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2981	DXS8237E (=D50912 hypothetical protein (KIAA	U35373	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2982	dye	U77595	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2983	E46 protein	AF119662.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2984	early B-cell transcription factor (EBF)	AF208502.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2985	early development regulator 2 (homolog of polyh	NM_004427.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2986	EB1	U24166	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2987	EF1a-like protein	AF267861.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2988	endogenous retrovirus H HERV-H/env62 provira	AJ289709.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2989	endogenous retrovirus HERV-K102	AF164610.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2990	endogenous retrovirus type C oncovirus sequen	M74509	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2991	envelope protein	AF164615	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2992	EPC-1 (=M76979 PEDF;U29953;M90493)	U57446	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2993	ER1 (=AB033019 KIAA1193) (67% aa)	AF015454	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2994	erbB2-interacting protein ERBIN	NM_018695.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2995	ERp28 protein	X94910	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
2996	esophageal cancer related gene 4 protein (ECR	Hs.43125	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
2997	ETAA16 protein (RefSeq aa 1e-75)	NP_061875.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
2998	EXOSTOSIN-1 (PUTATIVE TUMOR SUPPRES	spQ16394	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
2999	F1D9.26-unknown protein [Arabidopsis thaliana	BAA97098.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3000	faciogenital dysplasia (Aarskog-Scott syndrome)	NM_004463.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3001	f-box and leucine-rich repeat protein 11 (FBXL1	XM_040025.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3002	f-box and leucine-rich repeat protein 3A (FBXL3	NM_012158.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3003	FEZ2 protein (FEZ2)	AF113124.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3004	fgr proto-oncogene encoded p55-c-fgr protein	M19722.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3005	FH1/FH2 domain-containing protein FHOS (FHC	AF113615.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3006	FLAME-1	AAB70909.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3007	fosB	X14897	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3008	FT005 protein (FT005)	NM_014054.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3009	fused in glioblastoma mRNA, complete cds /cds	Hs.23120	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3010	FXYD domain-containing ion transport regulator	NM_022003.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3011	G antigen 1	XP_010196.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3012	G9011 gene product	AAF52302.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3013	ganglioside-induced differentiation associated pr	Y17852	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3014	GASC-1	AB037901.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3015	gcp372	BAA05025.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3016	GEC-1 (gec-1)	AF012920	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3017	GEF-2	AB003515	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3018	GEG-154 mRNA	X71642	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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3019	gene 33 polypeptide	M23572.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3020	gene encoding HLA-Cw6	Z22754.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3021	gene_id:F1D9.26-unknown protein	AF002460	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3022	GILZ, complete cds /cds=(233,637) /gb=AB0254	Hs.75450	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3023	GK001 protein (GK001),	NM_020198.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3024	GK003 (GK003)	AF226046.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3025	GL002 protein (GL002)	NM_020193.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3026	golgi antigen gcp372	D25542.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3027	GSTMu3 gene for a glutathione S-transferase M	X56838.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3028	Gx protein	AF120103.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3029	hamartin (TSC1)	AF013168	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3030	haplotype D6 beta-globin (HBB) gene, replication	AF186620.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3031	hBKLF for basic kruppel like factor (LOC51274)	NM_016531.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3032	HBV associated factor(XAP4)	NM_006462.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3033	HC71C	AF177343.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3034	hCDC10=CDC10 homolog	S72008	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3035	hcgVIII protein	X92110	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3036	HCMOGT-1 mRNA for sperm antigen, complete	Hs.15053	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3037	HDCMB12P	AF067802.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3038	HDCMC04P	AF067804.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3039	HDCMC28P protein (HDCMC28P)	NM_016649.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3040	HELG protein (HELG)	NM_018412.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3041	hematopoietic stem/progenitor cells protein MDS	NM_018462.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3042	HF.12 gene	X07290.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3043	HGTD-P (HGTD-P) (=E2IG5)	AF201944.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3044	HIS1 protein	AB021179	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3045	hMSH6	U73737	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3046	homolog of yeast mutL (hPMS1) gene	U13695.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3047	hook1 protein (69% aa)	AF044923	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3048	HOTTTL protein mRNA, complete cds	AF078842.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3049	HPBR11-4	X67337	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3050	hSLK (=D86959 hypothetical protein (KIAA0204	AB002804	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3051	HSPC006	AF070662.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3052	HSPC009 protein (HSPC009), mRNA	NM_014019.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3053	HSPC028	AF083246.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3054	HSPC030	AF085359.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3055	HSPC031 mRNA,=CGI-37 protein (ORF)	AF085360	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3056	HSPC038 protein (LOC51123)	NM_016096.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3057	HSPC040 protein (RefSeq aa 1e-58)	NP_057182.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3058	HSPC042 protein (contains Alu repeat)	AF125096.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3059	HSPC049 protein (HSPC049)	NM_014149.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3060	HSPC055 protein (HSPC055) (=FLJ11007 fis)	NM_014153.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3061	HSPC056 protein (HSPC056)	NM_014154.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3062	HSPC059 protein (HSPC059)	NM_016536.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3063	HSPC071	AF161556.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3064	HSPC092	AF161355.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3065	HSPC093 (aa 9e-13,65%)	AAF28916.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3066	HSPC121 (=B-ind1 protein)	AAF29085.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3067	HSPC125	AF161474	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3068	HSPC126 protein (RefSeq aa 4e-46)	NP_054885.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3069	HSPC140 (=SUMO-1-activating enzyme E1 N s	AF161489.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3070	HSPC141 protein (HSPC141)(= sex-regulated p	XM_038043.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3071	HSPC144 protein (RefSeq aa 1e-69)	NP_054893.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3072	HSPC145	AF161494.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3073	HSPC151	AAF29115.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3074	HSPC154 protein (HSPC154)	NM_014177.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3075	HSPC155	AF161504.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

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3076	HSPC160 protein (RefSeq aa 5e-77)	NP_054901.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3077	HSPC164	XM_009549.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3078	HSPC173 mRNA,	AF161521.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3079	HSPC174	AF161522.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3080	HSPC176	AF161524.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3081	HSPC177	BC016698.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3082	HSPC182 protein (HSPC182)	NM_014188.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3083	HSPC184	AF151018.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3084	HSPC187	AF151021.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3085	HSPC197	AF151031.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3086	HSPC199	AF151033.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3087	HSPC209	AF151043.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3088	HSPC210	AF151044	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3089	HSPC212	AF151046.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3090	HSPC235	AF151069.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3091	HSPC240	AF151074.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3092	HSPC245	AF151079.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3093	HSPC261 (=DKFZp564B0769.1)	AAF28939.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3094	HSPC273 (=KIAA1192)	AF161391.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3095	HSPC274 protein (RefSeq aa 1e-38)	NP_054864.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3096	HSPC299	AF161417.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3097	HSPC301	AF161419.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3098	HSPC306	AF161424.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3099	HSPC311	AF161429.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3100	HSPC331 (=SPF31)	AAF29009.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3101	HT002 protein (HT002)	NM_014066.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3102	HT015 protein (HT015)	AF223466.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3103	HU-K4	U60644	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3104	human homolog of a mouse imprinted gene	AB006625	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3105	HUT11 protein mRNA, partial 3' UTR	AF263545.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3106	hydroxyacyl-Coenzyme A dehydrogenase/3-ket	NM_000183.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3107	hypothalamus protein HBEX2	XP_010123.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3108	hypothalamus protein HT001 (=AF225981 calcu	AF113539	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3109	hypothetical brain protein similar to X96994 BR-	NM_019836.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3110	hypothetical garp protein	CAB63561.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3111	hypothetical gene (AK026938 (LOC91933))	XM_041609.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3112	hypothetical gene (AL137319; NM_017586) (LO	XM_011838.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3113	hypothetical gene (BC009875; BC014023 (LOC	XM_055021.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3114	hypothetical gene (LOC87167)	XM_016787.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3115	hypothetical gene (LOC87240)	XM_015947.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3116	hypothetical gene (LOC96648)	XM_055006.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3117	hypothetical gene AK023725 (LOC92923)	XM_048072.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3118	hypothetical gene supported by AF055004 (LOC	XM_051593.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3119	hypothetical gene supported by AF132973; BC0	XM_048487.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3120	hypothetical gene supported by AF267861; AK0	XM_016170.4	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3121	hypothetical gene supported by AK027830; AL1	XM_072050.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3122	hypothetical gene supported by AL096738; BC0	XM_047202.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3123	hypothetical gene supported by AL137544 (LOC	XM_028218.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3124	hypothetical gene supported by BC008765 (LOC	XM_059474.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3125	hypothetical gene supported by BC009329 (LOC	XM_071761.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3126	hypothetical gene supported by BC009875; BC0	XM_072528.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3127	hypothetical gene supported by D38441; AF141	XM_002828.5	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3128	hypothetical gene supported by U60644 (LOC12	XM_047409.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3129	hypothetical gene supported by XM_000590 (LC	XM_000590.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3130	hypothetical gene supported by XM_059059 (LC	XM_059059.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3131	hypothetical gene supported by Y10313; BC001	XM_011551.5	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3132	hypothetical protein	B34087	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1



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3133	hypothetical protein	CAB43380.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3134	hypothetical protein	CAB55973.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3135	hypothetical protein	CAB70761.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3136	hypothetical protein (aa 2e-27)	NP_062551.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3137	hypothetical protein (CL25084)	XM_056548.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3138	hypothetical protein (LOC51060), mRNA	XM_045762.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3139	hypothetical protein (LOC51255), mRNA /cds=(C	Hs.11156	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3140	hypothetical protein (LOC51315)	NM_016618.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3141	hypothetical protein (MGC4175)	XM_016063.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3142	hypothetical protein (MGC4415)	XM_050738.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3143	Hypothetical protein (non-exact 37-54% a.a.)	NP_061952.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3144	hypothetical protein (ORF)(48%)	AL050011	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3145	hypothetical protein (RefSeq aa 2e-38)	NP_056198.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3146	hypothetical protein (RefSeq aa 2e-60)	NP_057280.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3147	hypothetical protein (RefSeq aa 3e-61)	NP_056999.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3148	hypothetical protein (RefSeq aa 5e-50)	NP_057169.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3149	hypothetical protein (RefSeq aa 5e-63)	NP_056158.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3150	hypothetical protein (RefSeq aa 9e-33)	NP_057711.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3151	hypothetical protein (RefSeq aa 9e-43)	NP_057701.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3152	hypothetical protein (XP_029545)	XP_029545.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3153	hypothetical protein ASH1 (RefSeq aa 2e-68)	NP_060959.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3154	hypothetical protein clone 24952 mRNA	AF131758	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3155	hypothetical protein HDCMC04P	XP_004843.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3156	hypothetical protein IMAGE3455200 (IMAGE345	NM_024006.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3157	hypothetical protein MGC10753 (MGC10753), m	NM_016628.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3158	hypothetical protein MGC10947 (MGC10947), m	Hs.326740	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3159	hypothetical protein MGC14433 (MGC14433), m	Hs.83572	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3160	hypothetical protein MGC14833 (MGC14833)	XM_042640.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3161	hypothetical protein MGC2217 (MGC2217), mR	Hs.323164	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3162	hypothetical protein MGC2744, clone MGC:437	BC019324.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3163	hypothetical protein MGC2827 (MGC2827), mR	Hs.8035	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3164	hypothetical protein MGC3178 (MGC3178)	XM_037853.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3165	hypothetical protein MGC3200 (MGC3200)	XM_034630.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3166	hypothetical protein MGC3251 (MGC3251), mR	Hs.13467	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3167	hypothetical protein MGC4174 (MGC4174)	XM_018439.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3168	hypothetical protein MGC5306 (MGC5306), mR	XM_048376.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3169	hypothetical protein similar to mouse Dnajl1 (DN	Hs.13015	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3170	HYPOTHETICAL PROTEIN ZAP3	P49750	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3171	hypothetical protein, clone MGC:19514 IMAGE:4	BC011720.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3172	hypothetical protein, clone MGC:20386 IMAGE:4	BC015919.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3173	hypothetical protein, expressed in osteoblast (G	NM_006820.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3174	I factor (complement) (IF), mRNA /cds=(14,1765	Hs.36602	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3175	ID YG39-2B	AJ227863.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3176	IFI16b (IFI16b)	AF208043.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3177	Ikb kinase-b(IKK-beta) mRNA, complete cds	AF080158.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3178	ILO-CT0080-030899-107-c07 CT0080	AW062569.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3179	I-mfa domain-containing protein (HIC), mRNA	XM_041273.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3180	implantation-associated protein (IAG2) (ORF)	AF008554	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3181	INE2	Y10697.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3182	infant brain mRNA, clone 13cDNA65	U57962.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3183	ING1Lp	AB012853.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3184	inner mitochondrial membrane translocase Tim1	AF034790	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3185	insulin induced gene 1 (INSIG1)	NM_005542.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3186	integrative vector pRS306 with URA3 marker, cc	U03438.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3187	interferon-induced, hepatitis C-associated micro	NM_006417.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3188	intracisternal A particle-promoted polypeptide (IF	NM_005897.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3189	IRA1 mRNA, complete cds, alternatively spliced	Hs.315111	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

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3190	Isoform 1 from chromosome 22	AL359401.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3191	isoform 2 of a novel human mRNA from chromos	AL160112.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3192	ITBA2 protein(ORF)	X92896.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3193	J domain containing protein 1 isoform a	AAD52650.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3194	JAZF1 (JJAZ1)	XM_050093.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3195	jerky (mouse) homolog-like (JRKL)	NM_003772.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3196	kappa B-ras	AF229839.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3197	KFZp586B1821	AL133114.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3198	KH domain RNA binding protein QKI-5B	AF090403.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3199	KIAA0008	D13633	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3200	KIAA0013	D87717.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3201	KIAA0020 gene product (KIAA0020)	NM_014878.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3202	KIAA0029	D21852	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3203	KIAA0033	D26067.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3204	KIAA0035 gene	D21262.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3205	KIAA0051 gene	D29640.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3206	KIAA0052 protein, partial cds	D29641.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3207	KIAA0063 gene product (KIAA0063)	NM_014876.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3208	KIAA0078 gene	D38551.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3209	KIAA0088 gene, partial cds	D42041.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3210	KIAA0089 gene	D42047.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3211	KIAA0091 gene	D42053.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3212	KIAA0096	D43636	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3213	KIAA0098 (chaperonin containing TCP-1)	D43950	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3214	KIAA0101	D14657	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3215	KIAA0108 (golgi 4-transmembrane spanning tra	D14696	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3216	KIAA0109 gene	D63475.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3217	KIAA0110	D14811	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3218	KIAA0123 protein (KIAA0123)	XM_054752.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3219	KIAA0150	D63484	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3220	KIAA0154	D63876	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3221	KIAA0157 gene, partial	D63877.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3222	KIAA0171 gene product (KIAA0171)	NM_014666.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3223	KIAA0184	D80006	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3224	KIAA0190 gene	D80012.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3225	KIAA0193 gene product (KIAA0193)	NM_014766.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3226	KIAA0197 gene	D83781	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3227	KIAA0200 gene	NM_014757.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3228	KIAA0220	D86974.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3229	KIAA0224	NM_014003.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3230	KIAA0240	D87077	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3231	KIAA0247 gene product (KIAA0247), mRNA /cds	Hs.82426	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3232	KIAA0257 gene, partial cds	D87446.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3233	KIAA0259	D87448.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3234	KIAA0263 protein	D87452.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3235	KIAA0268 gene	D87742.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3236	KIAA0271 gene	D87461	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3237	KIAA0280 gene, partial cds /cds=UNKNOWN /g	Hs.75400	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3238	KIAA0281 gene product	NM_014800.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3239	KIAA0286 gene	AB006624.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3240	KIAA0290 (non-exact match 80% a.a.)	BAA22959.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3241	KIAA0294	NM_014629.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3242	KIAA0297 gene	AB002295.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3243	KIAA0301 gene	AB002299.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3244	KIAA0305 gene product (RefSeq aa 2e-32)	NP_055548.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3245	KIAA0323 gene	AB002321.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3246	KIAA0337	AB002335	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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3247	KIAA0361	AB002359	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3248	KIAA0365	AB002363	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3249	KIAA0367	AB002365.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3250	KIAA0373	AB002371.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3251	KIAA0391 gene product (RefSeq aa 2e-31)	NP_055487.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3252	KIAA0393	AB002391.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3253	KIAA0395	AB007855.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3254	KIAA0397 gene product (KIAA0397)	XM_029438.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3255	KIAA0399	AB007859.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3256	KIAA0402	AB007862	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3257	KIAA0405	AB007865	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3258	KIAA0407	AB007867.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3259	KIAA0409	AB007869.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3260	KIAA0416	AB007876	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3261	KIAA0418 gene	NM_014631.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3262	KIAA0430	AB007890	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3263	KIAA0437	AB007897	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3264	KIAA0441	AB007901	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3265	KIAA0442	AB007902.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3266	KIAA0445	AB007914	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3267	KIAA0469	AB007938	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3268	KIAA0473 gene product	NM_014787.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3269	KIAA0487 chromosome 1 specific transCRipt)	AB007956	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3270	KIAA0494	NM_014774.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3271	KIAA0511 protein	AB011083	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3272	KIAA0516	BAA25442.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3273	KIAA0517 protein	AB011089.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3274	KIAA0518 (=mouse Mad5)	AB011090.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3275	KIAA0524	AB011096	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3276	KIAA0528	AB011100.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3277	KIAA0529	AB011101	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3278	KIAA0532	AB011104.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3279	KIAA0536	AB011108	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3280	KIAA0538 protein, partial cds	AB011110.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3281	KIAA0549 protein	AB011121	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3282	KIAA0554 (=DKFZp564O1116)	AB011126	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3283	KIAA0565	AB011137	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3284	KIAA0584	AB011156.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3285	KIAA0593	AB011165	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3286	KIAA0601	AB011173.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3287	KIAA0608	AB011180	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3288	KIAA0614	AB014514	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3289	KIAA0615	AB014515	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3290	KIAA0621	NM_015071.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3291	KIAA0625	AB014525.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3292	KIAA0627 protein	AB014527.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3293	KIAA0628	AB014528	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3294	KIAA0643	AB014543	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3295	KIAA0644	AB014544	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3296	KIAA0647 protein	AB014547.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3297	KIAA0649 (=L11910 retinoblastoma susceptibilit	AB014549	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3298	KIAA0650	AB014550.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3299	KIAA0652	AB014552	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3300	KIAA0657 protein	AB014557.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3301	KIAA0658	AB014558	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3302	KIAA0668 protein	AB014568.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3303	KIAA0669	AB014569	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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3304	KIAA0677 gene product (KIAA0677)	NM_014663.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3305	KIAA0678	AB014578	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3306	KIAA0690 protein	AB014590.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3307	KIAA0700 protein (KIAA0700)	XM_050561.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3308	KIAA0707 protein, partial cds /cds=UNKNOWN	Hs.234786	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3309	KIAA0714	AB018257.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3310	KIAA0721	AB018264.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3311	KIAA0726	NM_014718.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3312	KIAA0733	AB018276.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3313	KIAA0737	AB018280	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3314	KIAA0742	AB018285.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3315	KIAA0752 protein (KIAA0752)	XM_040324.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3316	KIAA0758 protein	AB018301	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3317	KIAA0764	NM_014860.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3318	KIAA0774	AB018317.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3319	KIAA0781	AB018324.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3320	KIAA0784	AB018327.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3321	KIAA0788	AB018331.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3322	KIAA0790 protein	AB018333.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3323	KIAA0795 protein (KIAA0795), mRNA	XM_016166.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3324	KIAA0798 gene product (KIAA0798)	NM_014650.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3325	KIAA0801 gene product (RefSeq aa 3e-73)	NP_055644.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3326	KIAA0823 protein, partial cds	AB020630.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3327	KIAA0826	AB020633	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3328	KIAA0831	AB020638.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3329	KIAA0836 protein	AB020643.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3330	KIAA0840 protein	AB020647.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3331	KIAA0856	AB020663.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3332	KIAA0857 protein (=DKFZp434H018)	AB020664.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3333	KIAA0859	AB020666.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3334	KIAA0860	AB020667	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3335	KIAA0866 protein	AB020673.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3336	KIAA0867	NM_014938.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3337	KIAA0874	AB020681.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3338	KIAA0878 (contains Alu repeat)	AB020685.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3339	KIAA0879 protein (KIAA0879)	NM_014936.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3340	KIAA0883	AB020690	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3341	KIAA0887 protein,	AB020694.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3342	KIAA0890 protein (KIAA0890)	NM_014966.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3343	KIAA0892	AB020699.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3344	KIAA0898	AB020705.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3345	KIAA0908 protein	AB020715.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3346	KIAA0912	AB020719.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3347	KIAA0922	AB023139.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3348	KIAA0923	AB023140.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3349	KIAA0926 protein (KIAA0926),	NM_014922.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3350	KIAA0937	AB023154.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3351	KIAA0940 protein (RefSeq aa 3e-75)	NP_055727.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3352	KIAA0941	AB023158.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3353	KIAA0946	AB023163.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3354	KIAA0949	AB023166.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3355	KIAA0951 protein (KIAA0951),	NM_014893.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3356	KIAA0957 protein (RefSeq aa 1e-33)	NP_055757.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3357	KIAA0961 protein	NM_014898.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3358	KIAA0962(=DKFZp564D022)	AB023179.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3359	KIAA0974	AB023191	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3360	KIAA0979 protein	BAA76823.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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3361	KIAA0980	AB023197	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3362	KIAA0981	AB023198.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3363	KIAA0996	NM_014934.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3364	KIAA1007 protein (KIAA1007)	NM_016284.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3365	KIAA1018	AB023235.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3366	KIAA1023	AB028946	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3367	KIAA1028	AB028951.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3368	KIAA1031	AB028954.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3369	KIAA1041	NM_014947.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3370	KIAA1042	AB028965.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3371	KIAA1044	AB028967.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3372	KIAA1046 protein (KIAA1046)	NM_014928.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3373	KIAA1049	AB028972.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3374	KIAA1050	AB028973.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3375	KIAA1055	AB028978.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3376	KIAA1057	AB028980.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3377	KIAA1067	AB028990.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3378	KIAA1071	AB028994.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3379	KIAA1075 protein	AB028998.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3380	KIAA1078 protein,	AB029001.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3381	KIAA1085	AB029008.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3382	KIAA1093	AB029016.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3383	KIAA1095 protein, partial cds	AB029018.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3384	KIAA1097	AB029020.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3385	KIAA1098 protein	AB029021.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3386	KIAA1099 protein (KIAA1099)	NM_014914.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3387	KIAA1109	AB029032.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3388	KIAA1110 protein	AB029033.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3389	KIAA1114 protein (KIAA1114)	NM_016157.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3390	KIAA1116 protein (KIAA1116)	NM_014892.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3391	KIAA1119 protein	AB032945.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3392	KIAA1122	AB032948	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3393	KIAA1124	AK000716.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3394	KIAA1143 protein	AB032969.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3395	KIAA1146	AB032972.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3396	KIAA1147 protein	AB032973.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3397	KIAA1151	AB032977.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3398	KIAA1156	AB032982.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3399	KIAA1164 protein, partial cds	AB032990.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3400	KIAA1165	AB032991.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3401	KIAA1178	AB033004.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3402	KIAA1179	AB033005.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3403	KIAA1180	AB033006.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3404	KIAA1187 protein	AB033013.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3405	KIAA1197 protein, partial cds	AB033023.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3406	KIAA1213 (low match)	AB033039	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3407	KIAA1214	BAA86528.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3408	KIAA1218	AB033044.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3409	KIAA1224	AB033050.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3410	KIAA1229	AB033055.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3411	KIAA1233 protein	AB033059.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3412	KIAA1235	AB033061.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3413	KIAA1242	AB033068.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3414	KIAA1243 protein, partial cds /cds=UNKNOWN	Hs.151076	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3415	KIAA1255 (ANKHZN)	AB033081	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3416	KIAA1274	AB033100.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3417	KIAA1279 protein	AB033105.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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3418	KIAA1283	AB033109.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3419	KIAA1294	AB037715.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3420	KIAA1306	AB037727.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3421	KIAA1308	AB037729	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3422	KIAA1320	AB037741.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3423	KIAA1323	AB037744.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3424	KIAA1327	AB037748.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3425	KIAA1328 protein	AB037749.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3426	KIAA1332	AB037753.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3427	KIAA1333	AB037754.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3428	KIAA1335	AB037756.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3429	KIAA1343	AB037764.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3430	KIAA1344	AB037765.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3431	KIAA1352	AB037773.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3432	KIAA1353 protein (KIAA1353)	XM_035589.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3433	KIAA1360	AB037781.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3434	KIAA1365	AB037786.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3435	KIAA1367	AB037788.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3436	KIAA1373	AB037794.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3437	KIAA1375 (PDCD6IP)	AB037796	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3438	KIAA1390protein	AB037811.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3439	KIAA1400 protein	AB037821.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3440	KIAA1403	AB037824	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3441	KIAA1408 protein	AB037829.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3442	KIAA1412 protein	AB037833.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3443	KIAA1415 protein	AB037836.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3444	KIAA1417	AB037838.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3445	KIAA1419 protein	AB037840.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3446	KIAA1421 protein	AB037842.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3447	KIAA1430	AB037851.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3448	KIAA1432	AB037853.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3449	KIAA1434 protein	AB037855.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3450	KIAA1435	AB037856.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3451	KIAA1440 protein	AB037861.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3452	KIAA1454 protein	AB040887.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3453	KIAA1460	AB040893.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3454	KIAA1461 (ORF)	AB040894	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3455	KIAA1462	AB040895.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3456	KIAA1463	AB040896.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3457	KIAA1472	AB040905.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3458	KIAA1476 protein (=NM_013450.1 BAZ2B)	AB040909.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3459	KIAA1478	AB040911.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3460	KIAA1483 protein (KIAA1483)	XM_045920.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3461	KIAA1495 protein	AB040928.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3462	KIAA1497	AB040930.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3463	KIAA1521	AB040954	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3464	KIAA1528 protein (KIAA1528)	XM_055933.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3465	KIAA1533 protein	AB040966.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3466	KIAA1537	AB040970.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3467	KIAA1538 protein	AB040971.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3468	KIAA1558	AB046778	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3469	KIAA1562 protein	AB046782.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3470	KIAA1565 protein, partial cds	AB046785.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3471	KIAA1571	AB046791.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3472	KIAA1572 protein, partial cds /cds=UNKNOWN	Hs.5638	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3473	KIAA1573	AB046793	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3474	KIAA1578 protein	AB046798.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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3475	KIAA1590, low match	AB046810	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3476	KIAA1597	AB046817.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3477	KIAA1600 protein,	AB046820.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3478	KIAA1604 protein	AB046824	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3479	KIAA1624 protein, partial cds	AB046844.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3480	KIAA1641	AB046861.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3481	KIAA1655	AK000711.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3482	KIAA1790 protein, partial cds /cds=UNKNOWN	Hs.57760	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3483	KIAA1863 protein (KIAA1863)	XM_036104.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3484	KIAA1870 protein (KIAA1870)	XM_027025.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3485	kiaa-iso protein	AAF17242.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3486	KIP gene	AB021866.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3487	KNP-1a (=U53007 GT335)	D86061	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3488	Ksp37 protein (KSP37), mRNA	NM_031950.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3489	Ku70-binding protein (low match)	AF078528	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3490	Kunitz-type protease inhibitor (kop)	AF027205	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3491	L1 repeat, Tf subfamily, member 18	NP_038602.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3492	L1 repeat, Tf subfamily, member 26	NP_038604.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3493	latexin protein (LXN), mRNA /cds=(151,819) /gb	Hs.109276	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3494	LCN1b gene	Y10826	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3495	LDC4 (=HSPC243)	AF247661.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3496	Leman coiled-coil protein (LCCP) (=AB023206.1	NM_016201.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3497	LEYDIG CELL TUMOR 10 KD PROTEIN	spQ05310	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3498	ligase IV, DNA, ATP-dependent (LIG4)	NM_002312.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3499	LIMULUS CLOTTING FACTOR C PRECURSOR	P28175	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3500	lin-7-A	AF090133	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3501	line-1 protein ORF1 - =M19503) ORF1; putative	A28096	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3502	loss of heterozygosity, 11, chromosomal region	NM_014622.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3503	lost in inflammatory breast cancer tumor suppress	AF143679.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3504	LPS-induced TNF-alpha factor (PIG7) mRNA	NM_004862.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3505	m6A methyltransferase (MT-A70) gene	AF014837.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3506	m6b1	AF016004.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3507	macRophage inflammatory protein-2alpha (MIP2)	X53799	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3508	macrophage myristoylated alanine-rich C kinase	XM_034535.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3509	match to AA908753 (NID:g3048158)	AAC83082.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3510	Mcl-1 (MCL-1) and Mcl-1 delta S/TM (MCL-1) ge	AF198614.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3511	MDS024(MDS024)	AF182423.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3512	MEGF2	AB011536	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3513	MEGF5	AB011538.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3514	MEGF6	AB011539	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3515	melanogaster TEP2 protein [Drosophila melanog	AJ269539	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3516	Melanoma associated gene (D2S448)	XM_056455.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3517	melanoma-associated antigen p97 (melanotrans	K03200	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3518	melastatin 1 (70% aa)	AF071787	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3519	membrane protein type II, (low match) clone:HP	AB015633	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3520	meningioma expressed antigen 6(coiled-coil pro	NP_005921.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3521	meningioma-expressed antigen 11 (MEA11)	U73682	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3522	meningioma-expressed antigen 6 (MEA6)	U94780	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3523	merosin	M59832	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3524	mesenchymal stem cell protein DSC54 (LOC513	M_016644.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3525	metastasis associated 1 (MTA1)	NM_004689.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3526	miCRosatellite sequence INRA095	X71569	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3527	miCRosatellite VNTR DNA	L07935	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3528	MLN51	X80199	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3529	MLN62	X80200	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3530	Mm-1 cell derived transplantability-associated 1	NM_021105.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3531	MpV17 transgene, murine homolog, glomerulos	NM_002437.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1





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3589	partial unknown mRNA from drug-resistant mela	AJ270695.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3590	PCCX2 mRNA for protein containing CXXC dom	AB031230.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3591	PDCL2	AAD30564.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3592	peanut-like protein 1, PNUTL1 (hCDCRel-1) (=A	Y11593	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3593	pendrin (PDS)	AF030880	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3594	PEP11 PROTEIN	spP38759	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3595	PEP19 (PCP4) (=X93349;U53709)	U52969	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3596	PER1 gene (=Rigui (RIGUI))	AF102137.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3597	pescadillo (PES1)	U78310	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3598	Pig3 (PIG3)	AF010309	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3599	pituitary tumor-transforming 1 interacting protein	NM_004339.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3600	PiUS	U74297	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3601	plasma glutamate carboxypeptidase (PGCP)	NM_006102.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3602	platelet glycoprotein lib precursor	AAA60115.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3603	PMF16	AB006881	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3604	PMS1 PROTEIN HOMOLOG 1 (DNA MISMATC	spP54277	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3605	PM-Sci-75 autoantigen (PM-scl) (=M58460)	U09215	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3606	polymorphic HindIII site DNA (THRB region)	X58041	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3607	polypyrimidine tract binding protein (heterogene	NM_002819.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3608	PP1201 mRNA,	AF193045.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3609	PP2703	AF193051.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3610	PR-domain containing protein 10 (PRDM10)	NM_020228.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3611	PREGNANCY ZONE PROTEIN PRECURSOR (	spP20742	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3612	PRKG1 gene	Z92885	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3613	PRO0066	AF113007.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3614	PRO0214 protein (PRO0214)	NM_014120.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3615	PRO0245 protein (PRO0245)	NM_014122.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3616	PRO0412 mRNA (=KIAA0213 gene )(= mitogen	AF116604.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3617	PRO0461 protein (PRO0461)	NM_014072.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3618	PRO0529 protein (PRO0529)= AF111848.1	NM_014074.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3619	PRO0786 (=putative tumor suppressor ST13 (S	AF116650.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3620	PRO0989 (=CGI-54 protein)	AF116614.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3621	PRO1155 (=RBBP6)	AF116625.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3622	PRO1489	AF116637.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3623	PRO1546 (aa 1e-14,58%)	NP_061055.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3624	PRO1722	AAF69605.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3625	PRO1843 mRNA,(= initiation factor 4B)	AF119854.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3626	PRO1996 protein (PRO1996)	NM_014108.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3627	PRO2047 protein (PRO2047) (=PRO2003)	NM_014110.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3628	PRO2061	AF118092.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3629	PRO2134	AF118094.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3630	PRO2207	AF116692.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3631	PRO2219 mRNA, complete cds /cds=(823,1056	Hs.103657	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3632	PRO2222	AF119868.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3633	PRO2239	AF116696	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3634	PRO2309	AF119875.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3635	PRO2646(=RPS4Y)	AF116711.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3636	selective LIM binding factor, rat homolog (SLB)	AAF69654.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3637	PRO2832 (PRO2832)	NM_018541.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3638	PRO2975 (PRO2975)	NM_018548.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3639	PRO3091	AF119916.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3640	PRO3098	AF119917.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3641	Pro-Pol-dUTPase polyprotein	Y12713	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3642	prostacyclin synthase	D83402	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3643	prostaglandin-D synthase (RefSeq aa 3e-36)	NP_055300.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3644	prostate carcinoma tumor antigen (pcta-1) (ORF	L78132.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3645	prostate specific and androgen regulated cDNA	AF163475	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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3646	prostatain c3 subunit	M71245	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3647	protein	L76155	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3648	protein (peptidyl-prolyl cis/trans isomerase) NIM	NM_006223.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3649	protein B	AF146793.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3650	protein inhibitor of activated STAT-1(RefSeq aa	NP_057250.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3651	protein S-alpha (PROS1) (=Y00692)	M23599	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3652	PSD-Zip45	AB017140	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3653	PTB domain adaptor protein CED-6	AF200715.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3654	PTB-like protein	AJ010585.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3655	PTD002 protein (PTD002) (=HSPC305)	NM_016144.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3656	PTD012	AF092133.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3657	PTD017 protein (PTD017)	NM_014046.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3658	PTH-responsive osteosarcoma B1 protein (B1) r	AF095771.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3659	PTPL1-associated RhoGAP	U90920	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3660	PTS gene for 6-pyruvoyltetrahydropterin synthas	AB042297.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3661	putative (H. sapiens) (LOC134301)	XM_059705.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3662	PUTATIVE C10 PROTEIN (LOC113246)	XM_053988.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3663	Putative prostate cancer tumorsuppressor (RefS	NP_006756.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3664	putative tumor suppressor ST13 (ST13) (=PROG	U17714.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3665	QM [nontumorigenic Wilms' microcell hybrid cell	S64169.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3666	R3H domain (binds single-strandednucleic acids	NP_056970.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3667	RAB14, member RAS oncogene family (RAB14)	XM_005342.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3668	RAB6C, member RAS oncogene family (RAB6C	XM_038274.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3669	Rap2 interacting protein; similar to U73941 (PID	AAC82532.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3670	rat activator of G-protein signaling 3 (AGS3) (like	XM_054763.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3671	rat myomegalin	NP_071754.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3672	RB-binding protein (rbbp2h1a gene)	AJ243706.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3673	RC1-ST0278-160200-014-f03 ST0278 cDNA	AW818395.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3674	RC3-BT0319-240200-015-e12 BT0319	BE066091.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3675	recepin (CBF1 interacting corepressor (CIR)	U03644.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3676	Rer1 protein	AJ001421	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3677	RES4-22 gene with multiple splice variants near	NM_003704.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3678	reticulon 4c (=reticulon 4b)(= reticulon 4a)	AF087901.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3679	retinal short-chain dehydrogenase/reductase ret	NM_016245.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3680	retina-specific 15.7 kDa protein	M34915	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3681	retinol-binding protein (RBP)	M10934	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3682	RETINOL-BINDING PROTEIN II, CELLULAR (C	P50121	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3683	REV3 (yeast homolog)-like, catalyticsubunit of D	NP_002903.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3684	RGP3	U27655.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3685	RP42 homolog (RP42), mRNA /cds=(29,808) /gt	Hs.104613	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3686	rpmJ, rplA, rplO, rpmD, rpsE, rplR, rplF, rpsH, rp	AE000408	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3687	rrlC, rrfC, aspT, trpT, yifA, pssR, yifE, yifB, ilvL, i	AE000453	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3688	SCL gene locus	AJ131016.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3689	seladin-1 (=KIAA0018)	AF261758.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3690	selective LIM binding factor, rat homolog (SLB)	XM_033196.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3691	serologically defined colon cancer antigen 10 (N	NM_005869.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3692	SH3GLP1 pseudogene, 5'	X99658.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3693	Si-1-8-16 mRNA, partial cds	AB044752.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3694	SIK similar protein	AF053232	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3695	single-minded (Drosophila) homolog 2 (SIM2), tr	NM_005069.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3696	Sjogren's syndrome/scleroderma autoantigen 1	NM_006396.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3697	Slit-2 protein	AB017168	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3698	Sm protein F (RefSeq aa 2e-41)	NP_009011.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3699	small cytoplasmic Y RNA (Y4) (=X57566 hy4 Ro	L32608	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3700	small EDRK-rich factor 1, short isoform (SERF1)	AF073518.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3701	small fragment nuclease (DKFZP566E144)	NM_015523.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3702	SMART/HDAC1 associated repressor protein (S	XM_057104.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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3703	SOCS box-containing WD protein SWIP-1 (SWIP)	AF072880.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3704	spastic ataxia of Charlevoix-Saguenay (sacsin) (NP_055178.1		0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3705	speckle-type POZ protein (SPOP)	NM_003563.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3706	spm1 protein	Y15794.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3707	SRY (sex determining region Y)-box 13 (SOX13)	NM_005686.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3708	SRY (sex determining region Y)-box 22 (SOX22)	NM_006943.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3709	SRY-box containing gene 5 (Sox5)	NM_011444.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3710	SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit	M25077	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3711	SSR alpha subunit	Z12830	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3712	SSX4 protein gene	AF196972.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3713	stat-like protein (Fe65)	L77864	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3714	STS(STS SHGC-35393)	G28601	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3715	sudD (suppressor of bimD6, Aspergillus nidulans)	gi4507298	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3716	suppressor of cytokine signalling-1 (SOCS-1) (=U88326		1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3717	Syne-1B	AAG24393.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3718	synuclein, alpha (non A4 component of amyloid)	NM_007308.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3719	Tandem PH Domain Containing Protein-1 (TAP)	NM_021622.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3720	Tax interaction protein 2	AF028824.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3721	TB1	M74089.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3722	TCP1 (t-complex-1) ring complex, polypeptide 5	NM_005998.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3723	tctex-1	E13405	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3724	TESS 2 protein (TESS 2 gene) (=DKFZp586B2C	AJ250865.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3725	testis specific ankyrin-like protein 1 (LOC51281)	NM_016552.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3726	tex292	X80433	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3727	TFII-I protein (TFII-I) mRNA, (=general transcripti	AF015553.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3728	tip associating protein (TAP)	U80073	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3729	TPA regulated locus; uncharacterized hypothala	XM_054971.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3730	TPRD	D83077	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3731	transitional epithelia response protein (TERE1)	NM_013319.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3732	translocating chain-associating membrane prote	XM_005185.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3733	Treacher Collins-Franceschetti syndrome 1 (TC	NM_000356.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3734	TSA305	AB024763.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3735	TSC2 mRNA for tuberlin	X75621	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3736	TYL gene	X99688	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3737	unknown mRNA /cds=(1758,2294) /gb=AF3216	Hs.33032	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3738	unknown protein 3'UTR	Y09836.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3739	unknown protein LOC51035 (H. sapiens) (LOC1	XM_058485.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3740	unnamed protein product	AK001715	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3741	unnamed protein product	BAA91748.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3742	unnamed protein product	BAA91974.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3743	unnamed protein product	BAB14098.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3744	unnamed protein product	BAB14662.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3745	unnamed protein product	BAB14687.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3746	unnamed protein product	BAB14809.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3747	unnamed protein product	BAB15239.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3748	unnamed protein product	BAB15362.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3749	unnamed protein product	BAB15407.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3750	unnamed protein product	BAB15427.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3751	unnamed protein product	BAB15579.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3752	unnamed protein product (=HSPC314)	BAB14755.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3753	unnamed protein product (aa 1e-15)	BAB15433.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3754	UPF3 (UPF3)	AF318575.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3755	up-regulated by BCG-CWS (=KIAA0062,=KIAA1	NP_071437.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3756	vault-associated RNA 1, complete sequence	AF045143.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3757	vav 3 oncogene (VAV3)	NM_006113.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3758	v-maf musculoaponeurotic fibrosarcoma(avian)	NP_005351.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3759	v-raf-1 murine leukemia viral oncogene homolog	NM_002880.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

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3760	WAS protein family, member 1 (WASF1) (=KIAA	NM_003931.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3761	WD-repeat protein (HAN11)	NM_005828.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3762	Williams-Beuren syndrome chromosome region	XM_051839.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3763	Wilms' tumour 1-associating protein (KIAA0105)	Hs.119	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3764	Wiskott-Aldrich syndrome protein interacting pro	Hs.24143	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3765	XE7	L03426	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3766	Xp22 bins 16-17 BAC GSHB-531117 (Genome S	AC004805.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3767	Xq pseudoautosomal region; segment 1/2	AJ271735.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3768	xs31	Z36832	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3769	yeast Sec31p homolog (RefSeq aa 5e-76)	NP_057295.1	0	0.00%	2	0.01%	0	0.00%	0	0.00%	1
3770	YGR163, yeast homologue	AB017616	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3771	adrenodoxin gene, exon 4	M23668.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3772	annexin V-binding protein (ABP-10),(ORF)	D64062	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3773	ATPase subunit 6	BAA07295.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3774	ATPase, Ca sequestering (ATP2C1) (=KIAA134	NM_014382.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3775	ATPase, Class I, type 8B member 2 (ATP8B2)	XM_036933.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3776	ATPase, H transporting, lysosomal (vacuolar pr	NM_004047.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3777	ATPase, H transporting, lysosomal (vacuolar pr	NM_005177.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3778	ATPase, H transporting, lysosomal (vacuolar pr	NM_001693.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3779	ATPase, H transporting, lysosomal (vacuolar pr	NM_004888.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3780	ATPase, Na/K transporting, alpha 2 ( ) polypep	NM_000702.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3781	ATPase, Na/K transporting, beta 1 polypeptide	NP_001668.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3782	ATP-binding cassette 7 iron transporter (ABC7)	AF133659.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3783	Ca2 -transporting ATPase, (ORF)	AJ010953	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3784	calsequestrin, cardiac	D56655	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3785	copper chaperone for superoxide dismutase (CC	AF002210	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3786	F1-ATPase beta subunit (F-1 beta) (=X05606;M	X03559	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3787	F1-F0-ATPase	M64751	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3788	F1Fo-ATP synthase complex Fo membrane don	S70447	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3789	monocarboxylate transporter 1 (SLC16A1)	L31801	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3790	non-erythroid band 3-like protein (HKB3) (=U265	X03918	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3791	nonerythroid beta-spectrin	L02897	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3792	NRAMP2 gene for natural resistance-associated	AB015355.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3793	S100 calcium-binding protein A11 (calgizzarin) (	NM_005620.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3794	S100 calcium-binding protein A6 (calcyclin) (S10	XM_058243.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3795	sodium bicarbonate cotransporter 2b (NBC2B)(=	AF089726.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3796	sodium bicarbonate cotransporter 3 (SLC4A7)	AF047033.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3797	solute carrier family 26	NM_000112.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3798	solute carrier family 5(sodium-dependent vitamir	NM_021095.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3799	solute carrier family 7 (cationic amino acid transp	gi4507052	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3800	vacuolar H ( )-ATPase subunit=13.7 kda F-ATP	S82464.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3801	vacuolar H -ATPase Mr 56,000 subunit (HO57)	L35249.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3802	vacuolar H ATPase Mr 70000 subunit	X61612	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3803	vacuolar proton ATPase membrane sector asso	Y17975	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3804	vacuolar sorting protein 35	AF191298	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3805	white gene protein (=AF038175)	X91249	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3806	Glycosyl transferase, similar to (=AF031835 ppG	AL033514	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3807	1,4-alpha-glucan branching enzyme (HGBE)	L07956	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3808	3-phosphoinositide dependent protein kinase-1 (	NM_002613.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3809	aldehyde dehydrogenase 1	K03000.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3810	aldo-keto reductase family 7, member A2 (aflato	AF026947	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3811	aldose reductase (EC 1.1.1.2)	X15414	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3812	alpha-1,3(6)-mannosyl glycoprotein beta-1 (RefS	NP_002401.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3813	alpha-aminoadipic semialdehyde dehydrogenase	AF302110.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3814	Alu co-repressor 1 (ACR1)(=AOEB166)	AF231705.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3815	amylol-1,6-glucosidase,4-alpha-glucanotransfera	NM_000646.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3816	beta-1,3-glucuronyltransferase 3 (glucuronosyltr	NM_012200.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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3817	beta-1,3-N-acetyl glucosaminyl transferase (BET)	NM_006876.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3818	beta-globin (HBB) gene haplotype C17, replicatio	AF186616.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3819	carbohydrate (keratan sulfate Gal-6) sulfotransfe	NM_003654.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3820	carbohydrate (N-acetylglucosamine 6-O) sulfotr	NM_021615.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3821	co-beta glucosidase (proactivator)	J03077	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3822	dTDP-4-keto-6-deoxy-D-glucose 4-reductase (tg	AJ243721.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3823	extracellular glycoprotein EMILIN-2 precursor (L	XM_029741.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3824	galactokinase (galK)	U26401	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3825	galactose-1-phosphate uridyl transferase (GALT	M96264	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3826	GALT3 protein mRNA, complete cds	AF154848.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3827	glucosamine-6-phosphate	AJ002231.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3828	glucosyltransferase	AJ224875.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3829	glycogen debranching enzyme isoform 2 (AGL)	U84008	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3830	glycogen synthase 1 (muscle) (GYS1)	NM_002103.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3831	glycogenin= glycogenin-1	X79537.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3832	glycogenin-2 delta (glycogenin-2) (=U94359;U94	U94360	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3833	hexokinase II pseudogene	U28387	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3834	hippocampus abundant gene transcript 1 (Hiat1)	NM_008246.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3835	liver-type 1-phosphofructokinase (PFKL) (=X169	X15573	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3836	LNR42 (=AJ012409.1 Human hypothetical prote	AF238866	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3837	lysosomal alpha-mannosidase (MANB)	U05572.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3838	lysozyme	M19045.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3839	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-a	NM_002406.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3840	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-a	NM_002408.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3841	mannosyl-oligosaccharide alpha-1,2-mannosida	U04301.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3842	N-acetyl-alpha-glucosaminidase (HEXA), alpha-	M13520	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3843	N-acetylglucosamine 6-sulfate sulfatase (GALI	D17629	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3844	N-acetylglucosamine-phosphate mutase; DKFZF	NM_015599.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3845	N-acetylglucosaminyl transferase component Gc	NM_004204.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3846	O-linked N-acetylglucosamine(GlcNAc) transfer	NM_003605.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3847	Phosphoglucosmutase and phosphomannomutas	AL021481	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3848	phosphoglycerate mutase 2 (muscle specific iso	M55673	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3849	phosphoinositide-3-kinase, catalytic, alpha poly	NM_006218.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3850	phosphomannomutase 2 (PMM2) gene (5e-10 m	AF157794.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3851	phosphoprotein enriched in astrocytes 15 (PEA1	NM_003768.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3852	platelet activating factor acetylhydrolase, brain is	U72342	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3853	pyruvate dehydrogenase (lipoamide) beta (PDH)	NM_000925.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3854	pyruvate kinase, muscle (PKM2)(=TCB)	NM_002654.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3855	siah binding protein 1 (SiahBP1)	U51586	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3856	sialidase 1 (lysosomal sialidase) (NEU1)	gi4557790	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3857	sialyltransferase 4C (beta-galactosidase alpha-2	NM_006278.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3858	sialyltransferase SThm (sthm)	U14550	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3859	sorbitol dehydrogenase (SORD)	U67243.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3860	suCRase-isomaltase (SI)	M84646	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3861	UDP-galactose transporter related	AB041549.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3862	UDP-galactose transporter related isozyme 1	D87989.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3863	UDP-glucose:glycoprotein glucosyltransferase 2	NM_020121.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3864	aldolase A, fructose-bisphosphate (ALDOA)	NM_000034.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3865	acid phosphatase 1, soluble (ACP1), transcript v	NM_004300.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3866	acyl-Coenzyme A oxidase 3, pristanoyl (ACOX3	NM_003501.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3867	bleomycin hydrolase	X92106	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3868	casein kinase 1, epsilon (CSNK1E)	NM_001894.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3869	casein kinase 2, alpha 1 polypeptide (CSNK2A1	XM_049424.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3870	casein kinase 2, beta polypeptide (CSNK2B)	NM_001320.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3871	casein kinase I gamma 2 (=AF001177)	U89896	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3872	cysteine knot superfamily 1, BMP antagonist 1 (	NM_013372.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3873	dual adaptor of phosphotyrosine and 3-phosphoi	XM_052416.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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3874 GAP SH3 binding protein (Ras-GTPase-activator) U32519 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3875 GAP-associated protein (p190) M94721 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3876 GAP-like protein (LOC51306) NM\_016603.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3877 kappa-casein U51899 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3878 kinase substrate HASPP28 U26541.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3879 lysosomal acid phosphatase (=X12548) X15535 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3880 PALM (=D87460 (KIAA0270)) Y16277 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3881 palmitoylated erythrocyte membrane protein (MF) M64925 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3882 PHKB gene (exon 25) X84930.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3883 protein phosphatase (KAP1) L27711.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3884 protein phosphatase 1 (PPP1R5) Y18207 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3885 protein phosphatase 1 regulatory subunit 7 (PPF) NM\_002712.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3886 protein phosphatase 1, catalytic subunit, alpha is NM\_002708.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3887 protein phosphatase 1, catalytic subunit, gamma Hs.79081 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3888 protein phosphatase 1, regulatory (inhibitor) subunit NM\_005398.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3889 protein phosphatase 1, regulatory subunit 10 (PP1) gi4506008 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3890 protein phosphatase 1, regulatory(inhibitor) subunit NP\_005389.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3891 protein phosphatase 1, regulatory subunit 7 (RefSeq) NP\_002703.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3892 protein phosphatase 1G (formerly 2C), magnesium XM\_033185.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3893 protein phosphatase 2 (formerly 2A), regulatory subunit XM\_041325.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3894 protein phosphatase 2, regulatory subunit B (B56) NM\_006243.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3895 protein phosphatase 2A B'alpha1 regulatory subunit U37352 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3896 protein phosphatase 2A regulatory subunit alpha J02902 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3897 protein phosphatase 2C beta AJ005458.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3898 protein phosphatase 5 (=U25174) X89416 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3899 protein phosphatase-1 catalytic subunit M63960 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3900 protein tyrosine phosphatase receptor type K (PTK) NM\_002844.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3901 protein tyrosine phosphatase(TEP1) (ORF) U96180 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3902 protein tyrosine phosphatase, receptor type, alpha NM\_002836.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3903 protein tyrosine phosphatase, receptor type, epsilon NP\_006495.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3904 protein tyrosine phosphatase, receptor type, f po NP\_003616.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3905 protein tyrosine phosphatase, receptor type, M (L) NM\_002845.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3906 protein-tyrosine kinase, trkB X75958.1 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3907 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-Co) M62633 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3908 3'-phosphoadenosine 5'-phosphosulfate synthetase AF105227.1 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3909 3'-phosphoadenosine 5-prime-phosphosulfate synthetase NP\_005434.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3910 5'(3')-deoxyribonucleotidase; RB-associated KR NP\_014595.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3911 5'-3' exonuclease 1 NP\_036046.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3912 5'-3'exonuclease X91617.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3913 5'-nucleotidase (purine) NM\_012229.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3914 6-O-methylguanine-DNA methyltransferase (MGMT) M29971.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3915 adenosine deaminase tRNA-specific 1 (ADAT1) NM\_012091.2 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3916 adenosine monophosphate deaminase (isoform) NM\_000480.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3917 adenosine triphosphatase M95541.1 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3918 deoxyhypusine synthase L39068.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3919 deoxyribonuclease I-like 3 (DNASE1L3) NM\_004944.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3920 dinucleotide miCRosatellite HUJII77 M96348 0 0.00% 0 0.00% 1 0.01% 0 0.00% 1  
3921 exonuclease 1 (Xrn1) NM\_011916.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3922 G/T MISMATCH-SPECIFIC THYMINE DNA GLYCOSYLASE Q13569 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3923 guanylate kinase 1 (GUK1) XM\_056887.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3924 inorganic pyrophosphatase AF119665.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3925 nucleoside diphosphate kinase homolog (DR-nm) U80813.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3926 nudix (nucleoside diphosphate linked moiety X)-like 1 NM\_006703.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3927 nudix (nucleoside diphosphate linked moiety X)-like 2 NM\_007083.1 0 0.00% 1 0.01% 0 0.00% 0 0.00% 1  
3928 phosphodiesterase 10A (PDE10A) NM\_006661.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1  
3929 phosphodiesterase 1A, calmodulin-dependent (F) NM\_005019.1 0 0.00% 0 0.00% 0 0.00% 1 0.01% 1  
3930 phosphodiesterase 2A cGMP-stimulated (PDE2) NM\_002599.1 1 0.01% 0 0.00% 0 0.00% 0 0.00% 1

3874	GAP SH3 binding protein (Ras-GTPase-activator)	U32519	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3875	GAP-associated protein (p190)	M94721	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3876	GAP-like protein (LOC51306)	NM_016603.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3877	kappa-casein	U51899	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3878	kinase substrate HASPP28	U26541.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3879	lysosomal acid phosphatase (=X12548)	X15535	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3880	PALM (=D87460 (KIAA0270))	Y16277	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3881	palmitoylated erythrocyte membrane protein (MF)	M64925	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3882	PHKB gene (exon 25)	X84930.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3883	protein phosphatase (KAP1)	L27711.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3884	protein phosphatase 1 (PPP1R5)	Y18207	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3885	protein phosphatase 1 regulatory subunit 7 (PPF)	NM_002712.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3886	protein phosphatase 1, catalytic subunit, alpha is	NM_002708.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3887	protein phosphatase 1, catalytic subunit, gamma	Hs.79081	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3888	protein phosphatase 1, regulatory (inhibitor) subunit	NM_005398.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3889	protein phosphatase 1, regulatory subunit 10 (PP1)	gi4506008	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3890	protein phosphatase 1, regulatory(inhibitor) subunit	NP_005389.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3891	protein phosphatase 1, regulatory subunit 7 (RefSeq)	NP_002703.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3892	protein phosphatase 1G (formerly 2C), magnesium	XM_033185.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3893	protein phosphatase 2 (formerly 2A), regulatory subunit	XM_041325.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3894	protein phosphatase 2, regulatory subunit B (B56)	NM_006243.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3895	protein phosphatase 2A B'alpha1 regulatory subunit	U37352	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3896	protein phosphatase 2A regulatory subunit alpha	J02902	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3897	protein phosphatase 2C beta	AJ005458.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3898	protein phosphatase 5 (=U25174)	X89416	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3899	protein phosphatase-1 catalytic subunit	M63960	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3900	protein tyrosine phosphatase receptor type K (PTK)	NM_002844.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3901	protein tyrosine phosphatase(TEP1) (ORF)	U96180	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3902	protein tyrosine phosphatase, receptor type, alpha	NM_002836.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3903	protein tyrosine phosphatase, receptor type, epsilon	NP_006495.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3904	protein tyrosine phosphatase, receptor type, f po	NP_003616.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3905	protein tyrosine phosphatase, receptor type, M (L)	NM_002845.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3906	protein-tyrosine kinase, trkB	X75958.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3907	3-hydroxy-3-methylglutaryl-coenzyme A (HMG-Co)	M62633	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3908	3'-phosphoadenosine 5'-phosphosulfate synthetase	AF105227.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3909	3'-phosphoadenosine 5-prime-phosphosulfate synthetase	NP_005434.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3910	5'(3')-deoxyribonucleotidase; RB-associated KR	NM_014595.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3911	5'-3' exonuclease 1	NP_036046.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3912	5'-3'exonuclease	X91617.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3913	5'-nucleotidase (purine)	NM_012229.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3914	6-O-methylguanine-DNA methyltransferase (MGMT)	M29971.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3915	adenosine deaminase tRNA-specific 1 (ADAT1)	NM_012091.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3916	adenosine monophosphate deaminase (isoform)	NM_000480.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3917	adenosine triphosphatase	M95541.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3918	deoxyhypusine synthase	L39068.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3919	deoxyribonuclease I-like 3 (DNASE1L3)	NM_004944.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3920	dinucleotide miCRosatellite HUJII77	M96348	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3921	exonuclease 1 (Xrn1)	NM_011916.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3922	G/T MISMATCH-SPECIFIC THYMINE DNA GLYCOSYLASE	Q13569	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3923	guanylate kinase 1 (GUK1)	XM_056887.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3924	inorganic pyrophosphatase	AF119665.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3925	nucleoside diphosphate kinase homolog (DR-nm)	U80813.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3926	nudix (nucleoside diphosphate linked moiety X)-like 1	NM_006703.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3927	nudix (nucleoside diphosphate linked moiety X)-like 2	NM_007083.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3928	phosphodiesterase 10A (PDE10A)	NM_006661.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3929	phosphodiesterase 1A, calmodulin-dependent (F)	NM_005019.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3930	phosphodiesterase 2A cGMP-stimulated (PDE2)	NM_002599.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1



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3931	phosphodiesterase 4B, cAMP-specific(dunce (D	NP_002591.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3932	phosphodiesterase I/nucleotide pyrophosphatas	NM_006209.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3933	RhoGAP, rat homologue (chromosome 13)	gi4902677	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3934	ribonuclease A (RNase A)	D26129	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3935	ribonuclease HI, large subunit (RNASEHI)	NM_006397.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3936	ribonuclease P (30kD) (RefSeq aa 2e-78)	NP_006404.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3937	RIBONUCLEASE PH-LIKE PROTEIN B0564.1	spQ17533	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3938	rod cGMP-phosphodiesterase gamma-subunit (F	U00482	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3939	RY-1 putative nucleic acid binding protein	X76302.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3940	single strand DNA-binding protein	AF077048.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3941	thymidine kinase 1, soluble (TK1)	K02581	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3942	thymine-DNA glycosylase (TDG)	NM_003211.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3943	L apoferritin	X03742	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3944	long-chain-fatty-acid-CoA ligase, homologue (SV	Z81071	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3945	3-hydroxyisobutyryl-coenzyme A hydrolase	U66669	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3946	43 kDa inositol polyphosphate 5-phosphatase	Z31695	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3947	7-dehydrocholesterol reductase (DHCR7)	AF067127.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3948	abc1	X75926	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3949	acetyl-CoA carboxylase	X68968	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3950	acetyl-Coenzyme A acyltransferase 2 (mitochondr	NM_006111.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3951	acylphosphatase 2, muscle type (ACYP2)	X84195	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3952	alcohol dehydrogenase beta-1-subunit (ADH1-2	X03350	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3953	alpha-methylacyl-CoA racemase	AF047020	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3954	aquaporin adipose	AB006190	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3955	carnitine carrier	Y10319	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3956	carnitine octanoyltransferase	AF073770.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3957	carnitine palmitoyltransferase II, precursor (CPT	U09646	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3958	CDP-diacylglycerol synthase(phosphatidate cyti	NP_001254.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3959	choline kinase isolog 384D8_3	U62317	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3960	choline phosphotransferase 1 beta (=cholinepho	AF195624.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3961	CTL1 protein (70% aa)	AJ245620	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3962	CTL2 gene	AJ245621.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3963	delta-6 fatty acid desaturase (FADS6)	NM_004265.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3964	dihydrolipoamide acetyltransferase (PDC-E2) (E	Y00978.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3965	dihydrolipoamide branched chain transacylase (I	XP_001705.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3966	Drosophila fat facets related, X-linked (RefSeq a	NP_004643.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3967	fat facets protein	AJ012078	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3968	fatty acid binding protein 3, muscle and heart (m	NM_004102.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3969	fatty acid binding protein 7, brain (FABP7) mRNA	NM_001446.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3970	fatty acid desaturase MLD, putative (contains Al	AF002668	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3971	fatty-acid-Coenzyme A ligase, long-chain 3 (RefS	NP_004448.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3972	fumarylacetoacetate hydrolase	M55150.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3973	geranylgeranyl diphosphate synthase 1(RefSeq	NP_004828.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3974	hydroxysteroid (17-beta) dehydrogenase 7 (RefS	NP_057455.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3975	L-3-hydroxyacyl-CoA dehydrogenase (=AF0019	X96752	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3976	lanosterol 14-alpha demethylase cytochrome P4	U51692.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3977	lipoyltransferase, complete cds	AB017567.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3978	methylmalonate-semialdehyde dehydrogenase (	NM_005589.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3979	mitochondrial short-chain enoyl-CoA hydratase	D13900	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3980	muscle fatty-acid-binding protein (FABP)	X56549.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3981	neuronal PAS domain protein 3 (Npas3)	NM_013780.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3982	oxysterol binding protein (RefSeq aa 1e-87)	NP_002547.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3983	p55PIK phosphatidylinositol 3-kinase regulatory	S79169	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3984	perilipin	AB005293.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3985	phosphatidylcholine 2-acylhydrolase (cPLA2)	M68874.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3986	phosphatidylinositol 3-kinase, class 3 (RefSeq a	NP_002638.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3987	Phosphatidylinositol transfer protein (PI-TP)alpha	D30036.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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3988	phospholipase C, epsilon (PLCE)=D42108	NM_006226.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3989	Phospholipase C-delta1 (Plcd1)	NM_017035.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3990	phospholipase D1, phosphatidylcholine-specific (PLD1)	NM_002662.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
3991	pleckstrin homology domain-containing, family A	XM_011878.3	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
3992	prostaglandin endoperoxide H synthase-1	AF129755.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3993	prostaglandin endoperoxide synthase-2, PTGS2	D28235	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3994	RASF-A PLA2 (synovial phospholipase)	M22431	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3995	RED CELL ACID PHOSPHATASE 1, ISOZYME	spP24666	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3996	Sac domain-containing inositol phosphatase 2 (SHIP2)	NM_014937.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3997	saposin proteins A-D	M32221	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
3998	squalene synthase	X69141	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
3999	steroid 5-alpha-reductase	M32313	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4000	steroid membrane binding protein	X99714	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4001	steroid sulfatase (STS)	M16505	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4002	tissue factor pathway inhibitor (lipoprotein-assoc	NP_006278.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4003	urf4 (ORF)= NADH-UBIQUINONE OXIDOREDU	L00016	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4004	ATP SYNTHASE B CHAIN, MITOCHONDRIAL	spP24539	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4005	ATP synthase inhibitor protein	M22559	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4006	ATP synthase subunit c, P1	D13118	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4007	ATP synthase, H transporting, mitochondrial FO	NM_005176.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4008	ATP synthase, H transporting, mitochondrial F1	NM_001686.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4009	ATP synthase, H transporting, mitochondrial F1	NM_006886.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4010	ATP synthase, H transporting, mitochondrial F1	NP_001688.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4011	ATP synthetase beta-subunit	X05606	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4012	ATP synthetase epsilon-subunit, nuclear-endoc	X16978	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4013	ATP(GTP)-binding protein	AJ010842.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4014	breast cancer metastasis-suppressor 1 (BRMS1)	AF159141.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4015	COX15 (yeast) homolog, cytochrome c oxidase	NM_004376.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4016	CYTOCHROME B	P00156	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4017	cytochrome b large subunit of complex II	D49737	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4018	cytochrome bc-1 complex core P	S74321	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4019	cytochrome c oxidase chain I [MesoCRicetus au	U97674	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4020	cytochrome c oxidase subunit II [Artibeus jamaic	AF061340	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4021	cytochrome c oxidase subunit IV (COX4), nuclea	NM_001861.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4022	cytochrome c oxidase subunit VIb (EC 1.9.3.1)	X13923	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4023	cytochrome c oxidase subunit VIIa polypeptide 1	NP_001855.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4024	cytochrome c oxidase VIc (EC 1.9.3.1)	X52940	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4025	cytochrome c-1 (CYC1)	NM_001916.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4026	cytochrome oxidase I	CAA24028.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4027	cytochrome-c oxidase (EC 1.9.3.1) chain I	C59153	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4028	ferredoxin 1 (FDX1) mRNA	NM_004109.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4029	glyoxylate reductase/hydroxypyruvatereductase	NP_036335.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4030	GTP AMP phosphotransferase mRNA, complete	AF183419.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4031	Hsa4 mitochondrion cytochrome oxidase subuni	U12692.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4032	isocitrate dehydrogenase	U52144.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4033	isocitrate dehydrogenase 1 (NADP ), soluble (ID	NM_005896.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4034	isocitrate dehydrogenase 3 (NAD ) gamma (IDH)	NM_004135.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4035	malate dehydrogenase precursor (MDH) (mitoch	AF047470	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4036	malonyl-CoA decarboxylase precursor (MLYCD)	AF097832.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4037	mitochondria isolate Aus3 cytochrome b (CYTB	AF042516	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4038	mitochondria solute carrier protein (MSCP)	AY032628.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4039	mitochondrial (Asian) DNA control region, seque	M76321.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4040	mitochondrial ATP synthase c subunit (P2 form)	X69908	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4041	mitochondrial ATPase subunit 9	M16439	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4042	mitochondrial carrier homologue 1 (=CGI protein	AF176006.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4043	mitochondrial control region II, sample NG14	L39338	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4044	mitochondrial cytochrome b	AB033713.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

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4045	MITOCHONDRIAL CYTOCHROME B-245 HEA	spQ61093	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4046	mitochondrial cytochrome c oxidase subunits I, I	M27315	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4047	mitochondrial D-loop (isolate RomB15)	AJ230609.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4048	mitochondrial DNA complete genome	X93334.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4049	mitochondrial DNA,	D38112.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4050	mitochondrial genes coding for three transfer RN	V00665	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4051	mitochondrial glutathione reductase and cytosoli	AF228703.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4052	mitochondrial HSP75	L15189	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4053	mitochondrial initiation factor 2	L34600	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4054	mitochondrial intermediate peptidase (MIPEP), r	NM_005932.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4055	MITOCHONDRIAL PROCESSING PEPTIDASE	spO75439	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4056	mitochondrial processing peptidase beta-subunit	AF054182	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4057	mitochondrial solute carrier (LOC51312)	XM_040570.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4058	NAD(P)H: quinone oxidoreductase gene	M81600.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4059	NADH dehydrogenase (ubiquinone) 1 beta subo	gi4758781	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4060	NADH dehydrogenase (ubiquinone) Fe-Sprotein	NP_002486.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4061	NADH dehydrogenase subunit 3(RefSeq aa 8e-3	gi5835395	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4062	NADH dehydrogenase subunit 5 (RefSeq aa 3e-	gi5835398	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4063	NADH dehydrogenase(ubiquinone) 1 alpha subc	NM_004544.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4064	NADH:ubiquinone oxidoreductase MLRQ subun	AF164796.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4065	NADH:ubiquinone oxidoreductase NDUFS3 (OR	AF067139	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4066	NADH-cytochrome b5 reductase isoform	AF125533.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4067	NADH-UBIQUINONE OXIDOREDUCTASE 18 k	spO43181	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4068	NADH-UBIQUINONE OXIDOREDUCTASE 30 k	P23709	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4069	NADH-UBIQUINONE OXIDOREDUCTASE B17	spQ29259	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4070	NADH-ubiquinone oxidoreductase B8 subunit m	AF077029	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4071	NADH-UBIQUINONE OXIDOREDUCTASE CHA	P03897	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4072	NADH-UBIQUINONE OXIDOREDUCTASE CHA	P03915	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4073	NADH-UBIQUINONE OXIDOREDUCTASE MW	spO15239	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4074	NADH-ubiquinone oxidoreductase subunit B14.5	AF070652.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4075	NADH-ubiquinone oxidoreductase subunit CI-B8	AF047185	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4076	NADPH-flavin reductase	D26308	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4077	NDUFB8 gene	Y16004.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4078	NRH:quinone oxidoreductase 2 gene (NQO2)	AB050248.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4079	nuclear aconitase (mitochondrial)	U80040	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4080	p6=cytochrome c oxidase subunit VIc homolog/C	S82616	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4081	quinolinate phosphoribosyltransferase (nicotin	NM_014298.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4082	succinate dehydrogenase iron-protein subunit (s	U17248.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4083	Succinic semialdehyde dehydrogenase (SSADH)	NM_001080.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4084	succinyl-CoA synthetase GTP-specific beta sub	AF171077.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4085	UBIQUINOL-CYTOCHROME C REDUCTASE C	spO14949	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4086	beacon	AAG34704.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4087	biotinidase	U03274	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4088	dihydropolyprenylbenzoate methyltransferase	L20427	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4089	folylpolyglutamate synthase (FPGS) mRNA	NM_004957.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4090	isolate sporadic PCT patient 10 uroporphyrinoge	AF104440.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4091	non-functional folate binding protein	NP_037439.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4092	nonfunctional GM3 synthase	AF119417.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4093	Porphobilinogen deaminase (PBG-D, EC 4.3.1.8)	X04217.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4094	pterin-4a-carbinolamine dehydratase (PCBD) (=	L41559	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4095	nonhepatic arginase	D86724.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4096	6-pyruvoyltetrahydropterin synthase(RefSeq aa	NP_000308.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4097	amine oxidase, copper containing 3 (vascular ad	NM_003734.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4098	Arg/Abl-interacting protein ArgBP2a (ArgBP2a)	(AF049884	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4099	ArgPIIB protein (=Arg protein tyrosine kinase-bi	X95677.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4100	arginine methyltransferase	Y10806	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4101	aspartate aminotransferase 1 (RefSeq aa 1e-51)	NP_002070.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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4102 basic leucine zipper nuclear factor 1 (JEM-1) (BLZ1)  
4103 colon and small intestine-specific cysteine-rich protein  
4104 cytidine deaminase  
4105 DHHC1 protein  
4106 dipeptidyl peptidase IV (CD26)  
4107 duodenal cytochrome b (FLJ23462), mRNA  
4108 extremely cysteine/valine rich protein [Leishman]  
4109 fucosidase, alpha-L-1, tissue (FUCA1)  
4110 fumarate nuclear gene encoding mitochondrial protein  
4111 fumarate precursor (FH) (mitochondrial)  
4112 gamma-glutamyl hydrolase (conjugase, folypoly)  
4113 glutaminase isoform C mRNA, 3'UTR  
4114 glutaminyl-peptide cyclotransferase (glutaminyl cyclase)  
4115 glycine C-acetyltransferase (2-amino-3-ketobutyrate)  
4116 glycine cleavage system protein H (aminomethyltransferase)  
4117 glycine-rich protein 2  
4118 glycosylasparaginase (=X55330;M64073)  
4119 glycosyltransferase (LOC83468)  
4120 H-protein  
4121 HPV16 E1 protein binding protein  
4122 HPV-16 E2 binding protein (E2BP-1) (=TCFL5)  
4123 isoleucyl-tRNA synthetase  
4124 isovaleryl-CoA dehydrogenase (IVD) gene, exon 1  
4125 Kreisler (mouse) maf-related leucine zipper homologue  
4126 kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)  
4127 lacrimal proline rich protein (RefSeq aa 2e-78)  
4128 L-arginine:glycine amidinotransferase  
4129 Leu zipper protein p40(61%)  
4130 leucine zipper protein Fip3p (=AF074382 kb kinase)  
4131 leucine-zipper protein FKSG13 (LOC90598)  
4132 lysosomal glycosylasparaginase (AGA) (=X55330)  
4133 MBIP protein (MBIP)  
4134 methionine adenosyltransferase regulatory beta subunit  
4135 methionyl tRNA synthetase  
4136 methyl-CpG binding domain protein 3 (MBD3)  
4137 mitochondrial isoleucine tRNA synthetase,  
4138 ornithine decarboxylase (contains Alu repeat)  
4139 ornithine decarboxylase antizyme 2 (OAZ2)  
4140 orotidine 5'-monophosphate decarboxylase  
4141 periodic tryptophan protein 2 (PWP2)  
4142 polyglutamine-containing C14ORF4 gene  
4143 proline isomerase FK506-binding protein (FKBP)  
4144 pyrroline-5-carboxylate synthase long form (P5CS)  
4145 selenium binding protein 1 (RefSeq aa 8e-40)  
4146 selenocysteine lyase (SCLY)  
4147 serine (or cysteine) proteinase inhibitor, clade H member 1  
4148 serine carboxypeptidase 1 precursor protein (HSC70)  
4149 spermine synthase gene  
4150 suppressor of S. cerevisiae gcr2 (HSGT1)  
4151 BCS1 (yeast homolog)-like (BCS1L)  
4152 SCAD gene, 5' UTR exon 1 and 2 (and joined CDS)  
4153 selenoprotein N  
4154 selenoprotein X (LOC51734)  
4155 LENG5 protein (LENG5), mRNA  
4156 cap-binding protein 4EHP  
4157 elongin B; transcription elongation factor B, polypeptide  
4158 eukaryotic initiation factor 2B-epsilon

4102	basic leucine zipper nuclear factor 1 (JEM-1) (BLZ1)	NM_003666.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	1
4103	colon and small intestine-specific cysteine-rich protein	Hs.307047	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4104	cytidine deaminase	AF061658.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4105	DHHC1 protein	AF247703.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4106	dipeptidyl peptidase IV (CD26)	U13735.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4107	duodenal cytochrome b (FLJ23462), mRNA	XM_015916.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4108	extremely cysteine/valine rich protein [Leishman]	AL390114	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4109	fucosidase, alpha-L-1, tissue (FUCA1)	gi4503802	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4110	fumarate nuclear gene encoding mitochondrial protein	U48857.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4111	fumarate precursor (FH) (mitochondrial)	U59309	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4112	gamma-glutamyl hydrolase (conjugase, folypoly)	XM_005313.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4113	glutaminase isoform C mRNA, 3'UTR	AF097494.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4114	glutaminyl-peptide cyclotransferase (glutaminyl cyclase)	Hs.79033	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4115	glycine C-acetyltransferase (2-amino-3-ketobutyrate)	NM_014291.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4116	glycine cleavage system protein H (aminomethyltransferase)	NP_004474.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	1
4117	glycine-rich protein 2	AJ130887	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4118	glycosylasparaginase (=X55330;M64073)	X55762	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4119	glycosyltransferase (LOC83468)	XM_049187.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4120	H-protein	M69175	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4121	HPV16 E1 protein binding protein	U96131.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4122	HPV-16 E2 binding protein (E2BP-1) (=TCFL5)	AF070992.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4123	isoleucyl-tRNA synthetase	D28473	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4124	isovaleryl-CoA dehydrogenase (IVD) gene, exon 1	AF038318.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4125	Kreisler (mouse) maf-related leucine zipper homologue	NM_005461.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4126	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	NM_003679.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4127	lacrimal proline rich protein (RefSeq aa 2e-78)	NP_009175.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4128	L-arginine:glycine amidinotransferase	X86401	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4129	Leu zipper protein p40(61%)	gi1382917	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4130	leucine zipper protein Fip3p (=AF074382 kb kinase)	AF062089	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4131	leucine-zipper protein FKSG13 (LOC90598)	XM_032849.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4132	lysosomal glycosylasparaginase (AGA) (=X55330)	U21281.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4133	MBIP protein (MBIP)	NM_016586.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4134	methionine adenosyltransferase regulatory beta subunit	AF182814	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4135	methionyl tRNA synthetase	D84224	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4136	methyl-CpG binding domain protein 3 (MBD3)	NM_003926.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4137	mitochondrial isoleucine tRNA synthetase,	D28500.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	1
4138	ornithine decarboxylase (contains Alu repeat)	M33764	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4139	ornithine decarboxylase antizyme 2 (OAZ2)	NM_002537.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4140	orotidine 5'-monophosphate decarboxylase	M36661	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4141	periodic tryptophan protein 2 (PWP2)	U56085	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4142	polyglutamine-containing C14ORF4 gene	AJ277365.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4143	proline isomerase FK506-binding protein (FKBP)	L18980.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4144	pyrroline-5-carboxylate synthase long form (P5CS)	U76542.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4145	selenium binding protein 1 (RefSeq aa 8e-40)	NP_003935.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4146	selenocysteine lyase (SCLY)	NM_016510.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4147	serine (or cysteine) proteinase inhibitor, clade H member 1	XM_035024.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4148	serine carboxypeptidase 1 precursor protein (HSC70)	NM_021626.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4149	spermine synthase gene	AJ009633.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4150	suppressor of S. cerevisiae gcr2 (HSGT1)	NM_007265.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4151	BCS1 (yeast homolog)-like (BCS1L)	AF026849	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4152	SCAD gene, 5' UTR exon 1 and 2 (and joined CDS)	Z80345.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4153	selenoprotein N	AF166125.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4154	selenoprotein X (LOC51734)	NM_016332.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4155	LENG5 protein (LENG5), mRNA	NM_024075.1	1	0.01%	1	0.01%	0	0.00%	0	0.00%	1
4156	cap-binding protein 4EHP	AF047695	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4157	elongin B; transcription elongation factor B, polypeptide	NP_009039.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4158	eukaryotic initiation factor 2B-epsilon	U23028.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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4159	eukaryotic translation initiation factor (eIF3)	U78525	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4160	eukaryotic translation initiation factor 1A (RefSeq)	NP_001403.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4161	eukaryotic translation initiation factor 3, subunit 3	NM_003754.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4162	eukaryotic translation initiation factor 3, subunit 4	NM_003752.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4163	eukaryotic translation initiation factor 3, subunit 5	NM_003751.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4164	eukaryotic translation initiation factor 4 gamma, 1	NM_003760.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4165	hydatidiform mole associated and imprinted (HYMEI)	AF241534.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4166	initiation factor eIF-2B gamma subunit (eIF-2BG1)	U38253.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4167	MAMMA1 cDNA clone MAMMA1001942 5'	AU122237.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4168	met-tRNA-i gene 2 (clone lambda-htm2)	J00311	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4169	peptide elongation factor 1-beta mRNA, complete cds	AF103726	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4170	region containing eukaryotic translation elongation factor 2	XM_016036.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4171	translation initiation factor 4e	AF038957.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4172	translation repressor NAT1 (=eukaryotic translation initiation factor 4e)	U76111.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4173	unr-interacting protein	AJ010025.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4174	838.98 23S ribosomal RNA gene	AF146762.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4175	GAR1 protein (GAR1 gene)	AJ276003.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4176	mitochondrial ribosomal protein L11 (MRPL11)	XM_006493.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4177	mitochondrial ribosomal protein L18 (MRPL18)	Hs.23038	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4178	mitochondrial ribosomal protein L22 (MRPL22)	Hs.41007	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4179	mitochondrial ribosomal protein L3 (MRPL3), mRNA	Hs.79086	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4180	mitochondrial ribosomal protein L33 (MRPL33), mRNA	Hs.14454	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4181	mitochondrial ribosomal protein S12	Y11681	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4182	mitochondrial ribosomal protein S21 (MRPS21), mRNA	Hs.81281	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4183	mitochondrial ribosomal protein S30 (MRPS30), mRNA	Hs.28555	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4184	ribosomal L21 protein gene	L38826.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4185	ribosomal protein (RPS4Y) isoform	M58459	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4186	ribosomal protein 60S acidic ribosomal subunit	NM_016183.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4187	ribosomal protein L17 isolog	AF164797	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4188	ribosomal protein L20	AE002038	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4189	ribosomal protein LLRep3	X17206	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4190	ribosomal protein, complete cds	D23660.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4191	ribosomal RNA 12S	X13956	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4192	ribosomal RNA 23S gene	AF146762	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4193	ribosomal RNA 28S	M30952.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4194	Ribosomal RNA processing	NM_014285.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4195	ribosomal RNA, large subunit ATCC 46578	U17421	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4196	ribosomal subunit protein L13	AE000402	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4197	ribosome associated membrane protein RAMP4	AJ238236.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4198	ribosome receptor, p180	X87224	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4199	RPL15 gene for ribosomal protein L15, complete cds	AB061823.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4200	RPL6 gene for ribosomal protein L6, complete cds	AB042820.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4201	STEROL-REGULATORY ELEMENT-BINDING PROTEIN 1	F043462	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4202	surf3 gene (ribosomal protein L7a)	X61923.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4203	acid sphingomyelinase (ASM) gene, exons a, and b	M59917	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4204	ADAMTS-1	AB001735	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4205	amyloid precursor protein homolog HSD-2	AF168956.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4206	amyloid precursor protein-binding protein 1	U50939	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4207	antileukoprotease (ALP)	X04470	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4208	basigin (BSG)(= M6 antigen)	NM_001728.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4209	CARBOXYPEPTIDASE H PRECURSOR (CPH)	spP16870	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4210	carboxypeptidase Z (CPZ)	NM_003652.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4211	cathepsin S (CTSS)	M90696.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4212	cathepsin Z precursor (CTS2) gene, exons 4, 5, and 6	AF136276.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4213	collagenase stimulatory factor (EMMPRIN) (=L2)	L10240	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4214	cysteine sulfinic acid decarboxylase-related protein	AF116548.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4215	ENO2 gene for neuron specific (gamma) enolase	X51956.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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4216	inhibitor 2 of protein phosphatase 1	AJ133812.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4217	matrix metalloproteinase 19 (MMP19)	NM_002429.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4218	metallocarboxypeptidase CPX-1	AF077738	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4219	metalloproteinase, complete cds	D83646.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4220	pancreatic carboxypeptidase B1precursor (RefS	NP_001862.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4221	parvulin	AB009690.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4222	peflin (PEF)	NM_012392.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4223	peptidase (mitochondrial processing) beta (PMP	XM_055749.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4224	peptidase D (PEPD) =J04605, prolidase(imidodi	NM_000285.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4225	placental leucine aminopeptidase	D50810.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4226	procollagen C-proteinase enhancer protein type	AB008549.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4227	procollagen type I proalpha 1	K01228.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4228	procollagen type I pro-alpha 2 chain (COL1A2) n	AF035120	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4229	prostaticin	U33446	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4230	protease inhibitor 1 (anti-elastase),alpha-1-antitr	NP_000286.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4231	protease inhibitor 9 (ovalbumin type)(RefSeq aa	NP_004146.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4232	protease subunit S5a (=U72664 S5a/antiseCRef	U51007	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4233	protease, serine, 15 (PRSS15) (=Lon protease)	NM_004793.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4234	proteasome (prosome, macropain) 26S subunit,	NM_006503.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4235	proteasome (prosome, macropain) 26S subunit,	NM_002814.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4236	proteasome (prosome, macropain) 26S subunit,	NM_002811.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4237	proteasome (prosome, macropain)activator subu	NP_002809.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4238	proteasome (prosome, macropain)subunit, alpha	NP_002777.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4239	proteasome (prosome, macropain)subunit, alpha	NP_002781.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4240	proteasome (prosome, macropain)subunit, beta	NP_002788.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4241	proteasome (prosome,macropain) 26S subunit,	NM_002807.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4242	proteasome (prosome,macropain) 26S subunit,	NM_002813.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4243	PROTEASOME COMPONENT C3 (MACROPA	spP25787	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4244	PROTEASOME COMPONENT C5 (MACROPA	spP20618	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4245	proteasome inhibitor hPI31 subunit	D88378	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4246	proteasome subunit HsC7-I	D26599	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4247	proteasome subunit p3126S	D38047	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4248	proteasome subunit p44.5 26S	AB003102	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4249	proteasome subunit p58	D67025	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4250	proteasome subunit p97 26S	D78151.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4251	protein arginine N-methyltransferase 1 (HRMT1	AF222689	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4252	protein arginine N-methyltransferase 2 (PRMT2)	U80213	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4253	PROTEIN PLT	spQ02083	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4254	protein product (=AF125387) D.melanogaster L8	AK000987	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4255	protein rapamycin associated protein (FRAP2) g	U88966.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4256	protein translocation complex beta (SEC61B)	NM_006808.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4257	proteinase chain 5a (non-exact 71%) 26S	NM_002810.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4258	serine protease, umbilical endothelium (SPUVE)	NM_007173.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4259	sorting nexin 10 (SNX10)	AF121860.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4260	sorting nexin 11 (SNX11)	NM_013323.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4261	stromelysin-3	X57766	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4262	thimet oligopeptidase (metalloproteinase) (=U29	Z50115	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4263	thrombin inhibitor	Z22658.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4264	TIMP-3 (=mig-5) (=K222)	D45917	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4265	tissue inhibitor of metalloproteinase 2 (TIMP2)	NM_003255.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4266	tissue inhibitor of metalloproteinase 4 (TIMP4) g	AF057532.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4267	tripeptidyl peptidase II (TPP2)	NM_003291.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4268	trypsin-like serine protease (TLSP) gene	AF164623.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4269	Ubc6p homolog	U93242.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4270	33 polypeptide	X07266	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4271	BRCA1, Rho7 and vat1 genes	L78833.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4272	BRCA1-associated RING domain protein (BARD	AF038042.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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4273	chaperonin subunit 5 (epsilon) (Cct5) (=D43950)	gi6671701	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4274	deubiquitinating enzyme (UNPH4)= AF153604	AF106069	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4275	E1-E2 ATPase	AF155913.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4276	farnesyl transferase, CAAX box, beta (FNTB)	NM_002028.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4277	F-box only protein 3 (FBXO3)	NM_012175.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4278	F-box only protein 9 (FBXO9), transcript variant	Hs.11050	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4279	F-box protein Fbl3a (ORF)	AF129532_1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4280	F-box protein FBX11	AF176706	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4281	F-box protein FBX25	AAF04526.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4282	F-box protein FBX29 (FBX29)	AF176707.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4283	F-box protein Lilina (LILINA)	AF179221.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4284	hkf-1	D76444	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4285	huntingtin interacting protein HYPB	AF049610.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4286	huntingtin-interacting	AF049528	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4287	LUCA-15 protein splice variant	AF107493	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4288	miCRosomal signal peptidase complex (SPC 18)	J05466	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4289	MRS1 protein (MRS1)	NM_015368.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4290	myristoyl-CoA:protein N-myristoyltransferase	Y17208.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4291	Nedd-4-like ubiquitin-protein ligase (LOC116013)	XM_057201.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4292	neuronal calcium sensor (NCS-1)	L27421	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4293	N-myristoyltransferase 2 (NMT2)	NM_004808.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4294	paired basic amino acid cleaving enzyme (furin,	NM_002569.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4295	peptidylprolyl isomerase (cyclophilin)-like 3 (PPI	NM_032472.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4296	peptidylprolyl isomerase D (cyclophilin D) (PPID	Hs.143482	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4297	peroxisomal acyl-coenzyme A oxidase	S69189	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4298	PEROXISOMAL ANTIOXIDANT ENZYME (LIVE	spP30044	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4299	peroxisomal Ca-dependent solute carrier	AF004161	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4300	prolyl oligopeptidase	X74496	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4301	protein disulfide isomerase-related (PDIR)	NM_006810.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4302	protein gene product (PGP) 9.5 (=P09936 UBIQ	X04741	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4303	rapamycin- and FK506-binding protein	M75099.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4304	ribophorin I	Y00281	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4305	signal recognition particle 19kD (SRP19), mRNA	NM_003135.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4306	site-1 protease (subtilisin-like, sterol-regulated, c	NM_003791.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4307	SRcyp protein (=U40763 Clk-associated RS cyc	X99717	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4308	synthetic ubiquitin (UBCEP80) gene	M24507.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4309	TL132	AJ012755	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4310	translocon-associated protein alpha subunit (=D	AF156965.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4311	ubiquinone oxidoreductase complex CI-PDSW	X63224	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4312	ubiquitin associated protein (UBAP),	NM_016525.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4313	UBIQUITIN CARBOXYL-TERMINAL HYDROLA	spQ24574	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4314	ubiquitin carrier protein E2-C (UBCH10)(= cyclin	NM_007019.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4315	ubiquitin conjugating enzyme (UbcH8)	AF031141	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4316	ubiquitin conjugating enzyme type UBC9	X96427.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4317	Ubiquitin conjugating enzyme UEV1Bs (UBE2V)	U97280.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4318	ubiquitin fusion degradation 1-like(RefSeq aa 6e	NP_005650.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4319	ubiquitin ligase (Nedd4) protein	U50842	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4320	ubiquitin specific protease 13 (isopeptidase T-3)	NP_003931.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4321	ubiquitin specific protease 3 (USP3), mRNA /cds	Hs.251636	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4322	ubiquitin specific protease 7 (herpes virus-assoc	NM_003470.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4323	ubiquitin specific protease 8 (USP8)(=KIAA0055	NM_005154.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4324	ubiquitin specific protease 9 (USP9Y)	XM_000563.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4325	ubiquitin-activating enzyme E1 (A1S9T and BN7	NM_003334.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4326	ubiquitinating enzyme E2-230 kDa	U20780.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4327	UBIQUITIN-CONJUGATING ENZYME E2-17 kDa	spP23567	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4328	ubiquitin-conjugating enzyme E2A (RAD6 homolog	gi4507768	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4329	ubiquitin-conjugating enzyme E2I (homologous t	XM_007786.5	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1



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4330	ubiquitin-conjugating enzyme E2L 1 (UBE2L1)	NM_003346.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4331	ubiquitin-conjugating enzyme HBUCE1 (LOC51661)	NM_015983.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4332	ubiquitin-conjugating enzyme UbcM2	AF003346	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4333	ubiquitin-conjugating enzyme UbcM3	X92665	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4334	ubiquitin-like protein	D23662	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4335	ubiquitin-protein ligase E3-alpha (UBR1) gene, epsilon	AF067385.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4336	ubiquitin-protein ligase NEDD4-like (NEDD4L)	NM_015277.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4337	vacuolar protein sorting 35	NM_018206.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4338	vacuolar protein sorting 45B (yeast homolog) (VPS45)	NM_007259.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4339	vacuolar protein sorting homologue h-vps45	U35246	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4340	vacuolar protein sorting protein 16	AAG34678.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4341	VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN 16	spQ02767	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4342	vacuolar proton pump delta polypeptide (VATD)	NM_015994.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4343	zinc metalloproteinase, STE24 (yeast, homolog)	NM_005857.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4344	zinc transporter 1 (ZNT1)	AF048701.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4345	AZ2	AB007141	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4346	bromodomain protein CELTIX1	AAF19526.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4347	corticotropin releasing hormone-binding protein 1	NM_001882.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4348	ID4 protein	Y07958	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4349	inhibitor of DNA binding 2, dominant negative helix-loop-helix	XM_045365.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4350	inhibitor of kappa light polypeptide gene enhancer 1	NP_003631.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4351	methyl-CpG-binding protein 2	AJ132917.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4352	modifier 3 (M33) (=Y13274 M33 polycomb-like protein)	Y13274	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4353	neural retinal-specific	U95012.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4354	neural specific protein CRMP-2 gene	U83278.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4355	TANK-binding kinase 1 (TBK1)	NM_013254.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4356	TBP-associated factor 170 (TAFII170)(low molecular weight)	AJ001017.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4357	4-aminobutyrate aminotransferase (ABAT), nuclear	NM_000663.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4358	activating transcription factor 6 (RefSeq aa 2e-7)	NP_031374.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4359	adenovirus 5 E1A binding protein (BS69)	NM_006624.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4360	AF-6	AB011399	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4361	AT-binding transcription factor 1 (ATBF1)(= zinc finger)	NM_006885.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4362	BACH1	AB002803.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4363	basic transcriptions factor 62kD subunit (BTF2)	M95809	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4364	basic-leucine zipper nuclear factor (JEM-1)	U79751	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4365	BCE-1 protein (BCE-1)	NM_007005.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4366	B-cell CLL/lymphoma 3 (BCL3)	NM_005178.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4367	Bcl-2-associated transcription factor short form	AF249273.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4368	beta-hydroxysteroid dehydrogenase type VII 17	AF098786.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4369	B-IND1 protein (B-ind1)	Z97207.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4370	B-myb	X13293	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4371	BTF3 protein homologue gene, complete cds /contig	Hs.181967	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4372	C3HC4-like zinc finger protein	AF214680	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4373	CAGH1a (CAGH1)	U80738	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4374	cAMP responsive element modulator (CREM)	AF213898.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4375	CCAAT transcriptions binding factor subunit gamma	Z74792	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4376	CCT (chaperonin containing TCP-1) epsilon subunit	Z31555	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4377	cell growth regulatory with ring finger domain (CGRF)	NM_006568.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4378	Che-1 (ORF)	AF083208	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4379	c-helix-loop-helix-PAS orphan MOP3	AF044288.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4380	chick ovalbumin upstream promoter transcriptor	M62760.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4381	cis-acting sequence	M82882.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4382	CREB binding protein (Rubinstein-Taybi syndrome)	gi4758055	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4383	CREB327=cyclic AMP-responsive enhancer binding protein	S72459	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4384	CRE-BP1 transcription factor = cyclic AMP responsive	U16028.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4385	DNA (cytosine-5)-methyltransferase 1(RefSeq)	NP_001370.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4386	DNA for 3' untranslated region of the Id4 domain	AJ001971	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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4387	DNA-binding factor (ORF)	M29204	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4388	DNA-binding protein (mbp-1)	M32019.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4389	DNA-BINDING PROTEIN RFXANK	spO14593	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4390	Dr1-associated corepressor (DRAP1)	U41843	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4391	erm	X96375	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4392	erythroid differentiation-related factor 1	AF040247.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4393	ETO=MTG8 (=X79990;D14289;D43638;D13979	S78158	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4394	ETS (gh43e05.x1 Soares_NFL_T_GBC_S1 clon	AI239823	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4395	ets-like protein (clone 3A)	Z49982.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4396	ETX1, ETX1=X-linked retinitis pigmentosa (RP3)	S82496.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4397	frezzed (fre) mRNA, complete cds	U68057.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4398	Friend of GATA2 (FOG2)	NM_012082.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4399	frizzled-1	AB017363	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4400	frizzled-7	AB017365	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4401	g1-related zinc finger protein	AF171875	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4402	GCN5 (general control of amino-acid synthesis,	NM_001487.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4403	general transcription factor IIIC, polypeptide 2 (b	NP_001512.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4404	GT212	L38935.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4405	hairly/enhancer-of-split related with YRPW motif	NM_012258.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4406	hbrm	X72889.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4407	helix-loop-helix protein (ld-2)	M97796.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4408	helix-loop-helix transcription factor sequence	M97636.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4409	hepatocellular carcinoma associated ring finger	AF247565.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4410	HIV associated non-Hodgkin's lymphoma (clone	Y16715	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4411	HIV-1 rev binding protein 2 (RefSeq aa 5e-83)	NP_008974.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4412	HIV-1 Vpr-binding protein (VprBP)	AF061935.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4413	HIV-associated non-Hodgkin's lymphoma (clone	Y17170	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4414	HIV-EP2/Schnurri-2	M60119.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4415	HMG box containing protein 1	AF019214	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4416	homeo box B5 (HOXB5)	NM_002147.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4417	homeo box C10 (HOXC10), (=homeoprotein C10	NM_017409.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4418	homeobox protein mRNA, 3' end, clone HOX2.3	M30598.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4419	homeodomain interacting protein kinase 2 (Hpk2)	NM_010433.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4420	homeostasis endoplasmic reticulum protein (ER	NM_006387.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4421	HOX2H	X16665	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4422	HRS gene, partial cds (=SRp40-1)	AF020307.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4423	Hypothetical zinc finger-like protein	AAF88107.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4424	hypoxia inducible factor (aHIF) antisense R+D2	U85044.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4425	hypoxia inducible gene-14	AB017708.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4426	HZF2 zinc finger protein	X78925	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4427	HZF4 mRNA for zinc finger protein	X78927.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4428	HZF9 zinc finger protein	X78932.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4429	Id1 (=U57645;S78825)	X77956	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4430	interferon regulatory factor 3 (IRF3)	NM_001571.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4431	Jun activation domain binding protein	U65928.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4432	jun dimerization protein gene	AF111167.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4433	KIAA0744 gene product; histone deacetylase 7	NM_014707.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4434	KIAA1605 (=transcription factor LZIP-alpha gene	AB046825.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4435	KIAA1611 protein (=ZINC FINGER PROTEIN 15	BAB13437.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4436	KNSL4 and MAZ(kinesin-like DNA binding prote	AB017335	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4437	KRAB zinc finger protein (RITA)	AF272148.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4438	krueppel-like zinc finger protein HZF2	AF220492.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4439	leucine zipper transcription factor-like 1 (LZTFL1	AJ297351.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4440	LIM-domain binding factor CLIM1 (CLIM1)	AF068651.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4441	MAR/SAR DNA binding protein (SATB1)	M97287	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4442	Meis1-related protein 1b (Mrg1b)	U68384	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4443	Meis1-related protein 2 (MRG2)	U68385	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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4444	MFH-1 (=X74040)	Y08223	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4445	MIDA1 (=U53208 ZRF1)	D63784	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4446	midline 1 fetal kidney isoform 2 (MID1)	AF041209	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4447	midline 1 fetal kidney isoform 3 (MID1)	AF041210.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4448	monocytic leukaemia zinc finger protein (MOZ)	U47742.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4449	monokine induced by gamma interferon (MIG)	NM_002416.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4450	MYCL2 (low match)	J03069	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4451	novH	X78354	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4452	NPAT gene	D89854.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4453	nuclear cap binding protein 1, 80kD (NCBP1)	NM_002486.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4454	nuclear factor I (NFI)	U18761.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4455	nuclear factor NF45	U10323.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4456	nuclear factor of activated T-cells 5 (NFAT5)(OR	NM_006599.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4457	nuclear inhibitor of protein phosphatase-1 (PPP1	AF064757.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4458	nuclear protein, ataxia-telangiectasia locus (Ref	NP_002510.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4459	OZF	X70394	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4460	paired-like homeodomain transcription factor 2 (I	NM_000325.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4461	PEBP2a1 protein	D14636	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4462	pleomorphic adenoma gene-like 1 (PLAGL1)	U81992	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4463	PP15 (placental protein 15)	X07315	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4464	Pur (pur-alpha)	M96684.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4465	putative hepatic transcription factor (WBSCR14)	AF156673.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4466	putative transCRiption factor CA150 (ORF)	AF017789	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4467	putative transcription factor-like nuclear regulato	CAC04245.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4468	putative translation initiation factor (SUI1) =L262	NM_005801.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4469	putative zinc finger protein (RefSeq aa 2e-30)	NP_057688.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4470	putative zinc finger protein NY-REN-34 antigen	(NM_016119.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4471	RELA (v-rel avian reticuloendotheliosis viral onc	CAB66119.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4472	retinoblastoma binding protein RBQ-1	X85133	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4473	ring finger protein 1 (RING1)	Z14000	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4474	ring finger protein 5 (RNF5)	XM_057888.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4475	Ring1 and YY1 binding protein (RYBP)	NM_012234.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4476	RING12	X62741.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4477	RING4	X57522.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4478	runt-related transcription factor 3 (RUNX3), (=PE	XM_001616.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4479	SAP18, Sin3-associated-polypeptide 18	Z97062	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4480	short form transcription factor C-MAF (c-maf)	AF055376.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4481	SIX4 gene	AB024687.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4482	SMAD5 (Smad5)	AF010607	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4483	small zinc finger-like protein (TIM13)	AF144700.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4484	small zinc finger-like protein (TIM9a)	AF150100.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4485	SOX11	AB028641.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4486	SOX6 (SOX6) gene	AF309471.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4487	SRD-2 mutant sterol regulatory element binding	U22818	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4488	SRE-ZBP	Z11773	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4489	SRF accessory protein 1B (SAP-1)	M85164.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4490	Staf50	X82200.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4491	strain C57BL/6 zinc finger protein 106 (Zfp106)	AF060246.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4492	survival of motor neuron protein interacting prote	AF027150.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4493	SYBL1 (contains L1 repeat)	gi4165269	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4494	TAR (HIV) RNA-binding protein 1 (TARBP1)(OR	NM_005646.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4495	TAR DNA binding protein(TARDBP) (=DKFZp56	NM_007375.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4496	TATA binding protein associated factor (TAFII15	AF040701.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4497	TATA box binding protein (TBP)-associated fact	NM_006284.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4498	TATA box binding protein (TBP)-associated fact	NM_005681.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4499	TATA box binding protein(TBP)-associated fact	NP_005636.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4500	TATA box binding protein-related factor 2 mRNA	AF136570	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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4501	TATA-binding protein (=Z22828 TFIIID)	M55654	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4502	Tat-SF1	U76992	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4503	TGF(beta)-induced transcription factor 2 (LOC111111)	XM_057236.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4504	thyroid hormone receptor coactivating protein (S)	NM_006696.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4505	thyroid receptor interactor (TRIP8)	L40411.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4506	thyroid receptor interactor (TRIP9)	L40407	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4507	tissue-type pituitary Kruppel-associated box prot	AF070666	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4508	TPMT thiopurine S-methyltransferase gene	AB045146.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4509	transCRipt associated with monocyte to macrophage	X85750	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4510	transcription elongation factor B (SIII), polypeptide	NM_005648.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4511	transCRipt elongation factor TFIIIS.h	AJ223473	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4512	transCRipt factor (TFIIB)	M76766	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4513	transcription factor 12 (RefSeq aa 1e-54)	NP_003196.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4514	transcription factor 17(TCF17) (ORF)	NM_005649.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4515	transcription factor BMAL2 (RefSeq aa 8e-35)	NP_064568.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4516	transCRipt factor CA150 (CA150) (=AF01778)	gi5729753	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4517	transcription factor Dp-2 (E2F dimerization partner)	NM_006286.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4518	transCRipt factor ETR103	M62829	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4519	transcription factor IGHE enhancer 3, JM11 protein	AF196779.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4520	transcription factor IIC102	AF133123.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4521	transCRipt factor L-Sox5	AJ010604.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4522	transCRipt factor RTEF-1 (RTEF1)	U63824	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4523	transCRipt factor SL1	L39060	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4524	transcription factor SOX8 (SOX8)	AF164104.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4525	transCRipt factor TFIIA small subunit p12	U21242	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4526	transcription factor(HSA130894)	NM_017569.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4527	transcription factor-like 1(TCFL1)(= YL-1 mRNA)	NM_005997.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4528	transcription initiation factor 1A protein (TIF-1A gene)	AJ272050.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4529	transCRipt initiation factor TFIIID subunit TAF	U30504	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4530	transCRipt regulator protein (BACH1)	AF026199	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4531	transCRipt regulator RPD3-2B (=AF039703 h)	U75697	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4532	transcription termination factor, RNA polymerase	NP_031370.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4533	transCRiptional activator hSNF2a (=X72889 hbr)	D26155	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4534	transCRiptional co-activator CRSP33 (CRSP33)	AF104251	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4535	transcriptional enhancer factor (TEF1)	M63896.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4536	transCRiptional intermediary factor 1 alpha	AF119042	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4537	transCRiptional repressor (CTCF)	U25435.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4538	transcription-associated zinc ribbon protein (ZNF)	AF024617.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4539	transducin beta-2 subunit (=M16538 signal-trans	M36429	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4540	ubiquitin (UBN1) gene, exons 1b and 2	AF108454.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4541	WD repeat domain 6 (WDR6)	NM_018031.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4542	X2 box repressor	U22680	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4543	X28 region near ALD locus containing dual spec	U52111.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4544	XAP-4 GDI (=X79353)	X79353	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4545	YSK1	D63780.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4546	yz99g12.r1 Soares melanocyte 2NbHM cDNA cl	W03533.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4547	ZFX transcription activator	X59739.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4548	ZHX1 protein (ZHX1)	AF195766.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4549	zinc finger 2 (ZNF2 gene)	X60152.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4550	zinc finger 5 protein	D89859.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4551	zinc finger homeobox protein ZHX1	AF106862.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4552	zinc finger homeodomain protein	U12170.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4553	zinc finger protein (HZF6) (non-exact, 66%)	AF027513	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4554	zinc finger protein (LOC51042)	NM_015871.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4555	zinc finger protein (low match)	X78933	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4556	zinc finger protein (ZAN75)	NM_018759.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4557	zinc finger protein (ZNF139)mRNA	U09848.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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4558 zinc finger protein (ZNF141)  
4559 zinc finger protein (ZNF155)  
4560 zinc finger protein (ZNF741)  
4561 zinc finger protein (ZNF-U69274)  
4562 zinc finger protein 10 (KOX 1) (RefSeq aa 3e-47)  
4563 zinc finger protein 124 (HZF-16) (ZNF124)  
4564 ZINC FINGER PROTEIN 136 (61% aa)  
4565 zinc finger protein 136 (clone pHZ-20)(RefSeq aa 1e-74)  
4566 zinc finger protein 146 (ZNF146)  
4567 zinc finger protein 161 (RefSeq aa 1e-74)  
4568 zinc finger protein 162 (ZNF162)  
4569 ZINC FINGER PROTEIN 177 (69% aa)  
4570 zinc finger protein 195 (ZNF195)  
4571 zinc finger protein 198 (ZNF198)  
4572 zinc finger protein 202(ZNF202)  
4573 zinc finger protein 223 (ZNF223)  
4574 zinc finger protein 232 (RefSeq aa 2e-68)  
4575 zinc finger protein 258 (ZNF258)  
4576 zinc finger protein 268 (ZNF268) mRNA, complete cds  
4577 zinc finger protein 281 (ZNF281) (ORF)  
4578 zinc finger protein 288 (ZNF288), mRNA /cds=4  
4579 zinc finger protein 297 (ZNF297)  
4580 zinc finger protein 41 (ZNF41)  
4581 ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN 83)  
4582 zinc finger protein dp  
4583 zinc finger protein EZNF (EZNF)  
4584 zinc finger protein FOG-2  
4585 zinc finger protein homologous to Zfp-36 in mouse  
4586 zinc finger protein mRNA  
4587 zinc finger protein NY-REN-21 antigen  
4588 zinc finger protein SBZF2 mRNA, complete cds  
4589 zinc finger protein ZNF131  
4590 zinc finger protein ZNF140  
4591 zinc finger protein (ZF5128)  
4592 zinc finger protein, C3H-type =AF061261 zinc finger protein  
4593 zinc finger protein, HZF2  
4594 zinc finger protein219  
4595 zinc finger RNA binding protein (Zfr)  
4596 zinc-finger protein (ZNF76)  
4597 zinc-finger protein PFM1, PR-domain  
4598 Zn-15 related zinc finger protein (rlf) mRNA, complete cds  
4599 ZNF135-like protein  
4600 ZNF258 (ZNF258)  
4601 ZNF81 (non-exact)  
4602 bromodomain-containing 7 (BRD7), mRNA  
4603 218 kD Mi-2 protein (= proliferating cell nuclear antigen)  
4604 cell-line THP-1 GTP cyclohydrolase I  
4605 cleavage stimulation factor, 3' pre-RNA, subunit  
4606 CPSF (cleavage and polyadenylation specificity factor)  
4607 CTD-binding SR-like protein rA8  
4608 C-terminal binding protein 2 (CTBP2)  
4609 dCMP deaminase (DCTD)  
4610 DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide  
4611 DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide  
4612 DEAD-box protein abstract(ABS), (ORF)  
4613 double stranded RNA activated protein kinase (DFAK)  
4614 double-stranded RNA binding nuclear protein DRA

4558	zinc finger protein (ZNF141)	L15309	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4559	zinc finger protein (ZNF155)	U09852	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4560	zinc finger protein (ZNF741)	U28282	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4561	zinc finger protein (ZNF-U69274)	NM_014415.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4562	zinc finger protein 10 (KOX 1) (RefSeq aa 3e-47)	NP_003410.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4563	zinc finger protein 124 (HZF-16) (ZNF124)	NM_003431.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4564	ZINC FINGER PROTEIN 136 (61% aa)	spP52737	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4565	zinc finger protein 136 (clone pHZ-20)(RefSeq aa 1e-74)	NP_003428.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4566	zinc finger protein 146 (ZNF146)	NM_007145.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4567	zinc finger protein 161 (RefSeq aa 1e-74)	NP_009077.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4568	zinc finger protein 162 (ZNF162)	NM_004630.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4569	ZINC FINGER PROTEIN 177 (69% aa)	spQ13360	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4570	zinc finger protein 195 (ZNF195)	gi6005973	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4571	zinc finger protein 198 (ZNF198)	NM_003453.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4572	zinc finger protein 202(ZNF202)	NM_003455.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4573	zinc finger protein 223 (ZNF223)	NM_013361.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4574	zinc finger protein 232 (RefSeq aa 2e-68)	NP_055334.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4575	zinc finger protein 258 (ZNF258)	NM_007167.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4576	zinc finger protein 268 (ZNF268) mRNA, complete cds	Hs.183291	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4577	zinc finger protein 281 (ZNF281) (ORF)	NM_012482.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4578	zinc finger protein 288 (ZNF288), mRNA /cds=4	Hs.159456	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4579	zinc finger protein 297 (ZNF297)	NM_005453.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4580	zinc finger protein 41 (ZNF41)	M92443.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4581	ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN 83)	spP51522	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4582	zinc finger protein dp	AF153201.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4583	zinc finger protein EZNF (EZNF)	AF116030	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4584	zinc finger protein FOG-2	AF119334.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4585	zinc finger protein homologous to Zfp-36 in mouse	NM_003407.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4586	zinc finger protein mRNA	Y14443.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4587	zinc finger protein NY-REN-21 antigen	AF155100.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4588	zinc finger protein SBZF2 mRNA, complete cds	AF139460.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4589	zinc finger protein ZNF131	U09410	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4590	zinc finger protein ZNF140	U09368.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4591	zinc finger protein (ZF5128)	NM_014347.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4592	zinc finger protein, C3H-type =AF061261 zinc finger protein	NM_005757.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4593	zinc finger protein, HZF2	X78925.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4594	zinc finger protein219	NM_016423.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4595	zinc finger RNA binding protein (Zfr)	AF071059.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4596	zinc-finger protein (ZNF76)	M91592	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4597	zinc-finger protein PFM1, PR-domain	AF144757.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4598	Zn-15 related zinc finger protein (rlf) mRNA, complete cds	U22377.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4599	ZNF135-like protein	AF265236.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4600	ZNF258 (ZNF258)	AF055470	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4601	ZNF81 (non-exact)	X68011	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4602	bromodomain-containing 7 (BRD7), mRNA	NM_013263.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4603	218 kD Mi-2 protein (= proliferating cell nuclear antigen)	X86691	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4604	cell-line THP-1 GTP cyclohydrolase I	U66095.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4605	cleavage stimulation factor, 3' pre-RNA, subunit	NM_001326.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4606	CPSF (cleavage and polyadenylation specificity factor)	X95906	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4607	CTD-binding SR-like protein rA8	U49055	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4608	C-terminal binding protein 2 (CTBP2)	NM_001329.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4609	dCMP deaminase (DCTD)	NM_001921.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4610	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide	NM_007242.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4611	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide	NM_004397.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4612	DEAD-box protein abstract(ABS), (ORF)	NM_016222.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4613	double stranded RNA activated protein kinase (DFAK)	AF167458.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4614	double-stranded RNA binding nuclear protein DRA	AJ271746.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

Figure 6 - Unique Known Genes Identified In Four cDNA Cartilage Libraries and EST Frequency Analysis - Page 82 of 102

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4615	endoplasmic reticulum luminal protein (ERP28)	NM_006817.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4616	EWS gene	AB016207.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4617	glutamyl-prolyl tRNA synthetase; proline tRNA ligase	NP_004437.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4618	heterogeneous nuclear ribonucleoprotein A0 (HNRNP-A0)	NM_006805.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4619	heterogeneous nuclear ribonucleoprotein L (HNRNP-L)	X16135	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4620	hnRNA-binding protein M4 (M4 protein)	S35532	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4621	hnRNP-E1	X78137.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4622	LRR FLI-I interacting protein 2 (LRRFIP2)	AF115509.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4623	nuclear matrix protein p84	NM_005131.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4624	nuclear protein (mdm-1)	M20823.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4625	nuclear protein double minute 1	AF267851.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4626	nuclear protein, NP220	D83032	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4627	ORF2 consensus sequence encoding endonuclease	AAB41224.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4628	partial mRNA for double stranded RNA binding protein	AJ271747.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4629	poly(A)-binding protein, cytoplasmic 4 (inducible)	NM_003819.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4630	pur alpha extended	X91648	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4631	ribonucleoprotein SS-B/La (=J04205)	X13697	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4632	RNA 3'-terminal phosphate cyclase (RPC) mRNA	NM_003729.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4633	RNA binding motif protein 4 (RBM4)	gi4506444	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4634	RNA binding motif protein 9 (isoform 1) (=AL009509)	CAB63054.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4635	RNA binding motif protein, X chromosome (RBMX)	NM_002139.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4636	RNA cyclase homolog	AF067172.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4637	RNA helicase (LOC51139)(= KIAA0801)	NM_016130.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4638	RNA helicase (RIG-I)	AF038963.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4639	RNA helicase HDB/DICE1	AF141326.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4640	RNA helicase-related protein	AF083255	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4641	RNA helicase-related protein (RNAHP)	XM_044384.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4642	RNA-binding protein (autoantigenic) (RALY)	NM_016732.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4643	RRM RNA binding protein Gry-rbp (GRY-RBP)	AF037448.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4644	SIR2 (silent mating type information regulation 2)	NM_012237.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4645	sir2-like 1 (SIRT1)	NM_012238.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4646	small nuclear ribonucleoprotein D3 polypeptide	NM_004175.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4647	small nuclear RNA (snrna) gene (clone pu1-6) and	K00529.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4648	small nuclear RNA activating complex, polypeptide	4507100	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4649	Smg GDS-associated protein SMAP	U59919	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4650	SnRNP assembly defective 1 homologue (SAD1)	gi5730024	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4651	SNRPN	U81001.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4652	SOF1 PROTEIN	spP33750	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4653	SPF31 (SPF31)	AF083190	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4654	splicing factor (45kD) (SPF45) (ORF)	NM_006450.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4655	splicing factor 30, survival of motor neuron-related	NM_005871.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4656	splicing factor arginine/serine-rich 5 (SFRS5)	XM_031133.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4657	splicing factor Prp8	AF092565.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4658	splicing factor SC35	M90104.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4659	splicing factor SRp40-3 (SRp40)	U30827.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4660	splicing factor SRp55-1 (SRp-55)	U30883.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4661	splicing factor, arginine/serine-rich 2, interacting	Hs.51957	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4662	SPLICING FACTOR, ARGININE/SERINE-RICH	spQ12872	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4663	splicing factor, arginine/serine-rich2, interacting	NP_004710.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4664	splicing factor, SF1-HL1 isoform	Y08765	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4665	SRp25 nuclear protein(LOC51329)	NM_016638.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4666	SRp46 splicing factor retropseudogene	AF031166.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4667	SR-related protein LD2 (=RNA-binding protein S)	AF247662.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4668	staufen (Drosophila, RNA-binding protein) homologue	NM_014393.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4669	staufen protein (STAU)	AF061940	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4670	step II splicing factor SLU7 (SLU7) (ORF)	NM_006425.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4671	SYNCRIP	AB035725.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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4672	TIA1 cytotoxic granule-associated RNA-binding	NM_003252.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4673	tRNA-Lys gene (low match:nt 1e-10)	U00939.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4674	U1 small nuclear ribonucleoprotein 70 kd protein	M22636	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4675	u1B-IC/SNRPN transCRIPT	L80005.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4676	U2 small nuclear RNA gene	K03022.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4677	U2 snRNP auxiliary factor small subunit	M96982	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4678	U5 snRNP-specific protein, 116 kD (U5-116KD)	gi4759279	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4679	U50' snoRNA and U50 snoRNA	AB017710.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4680	U6 snRNA-associated Sm-like protein LSm6	AF182292.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4681	U6 snRNA-associated Sm-like protein LSm7 (LC	NM_016199.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4682	U6 snRNA-associated Sm-like protein LSm8	AF182294.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4683	pre-mRNA splicing factor (PRP18)	NM_003675.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4684	RNA polymerase II 14.5 kDa subunit	Z23102	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4685	RNA polymerase subunit hRPB 33	J05448	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4686	rsly1p	U57687	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4687	SC35-interacting protein 1 (SRP129)(= splicing	NM_004719.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4688	TAF13 RNA polymerase II, TATA box binding pr	BC017821.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4689	TAF7 RNA polymerase II, TATA box binding pro	Hs.155188	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4690	BAT2-related gene	AL096857.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4691	BC-2 protein	AF042384	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4692	chitinase 3-like 1(cartilage glycoprotein-39) (CHI	NM_001276.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4693	Ig superfamily protein (Z39IG)	NM_007268.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4694	lymphocyte antigen 6 complex, locus E (LY6E),	XM_051298.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4695	natural killer cell enhancing factor (NKEFB)	L19185.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4696	75-kD autoantigen (PM-Sc1)	M58460	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4697	activity and neurotransmitter-induced early gene	AF050663	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4698	alpha-2-macroglobulin receptor-associated prote	M63959.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4699	B-cell receptor associated protein (hBAP)	U72511	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4700	B-cell receptor-associated protein BAP29	AF126020	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4701	cartilage associated protein	X97607	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4702	cartilage associated protein(CRTAP)	NM_006371.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4703	cbl-b	U26710.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4704	chromosome 1 immunoglobulin V (K)I	X17278	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4705	early activation antigen CD69	L07555	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4706	early endosome antigen 1, 162kD (EEA1)	NM_003566.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4707	erythroblast macrophage protein EMP	AF084928.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4708	HLA CLASS I HISTOCOMPATIBILITY ANTIGEN	P30511	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4709	HLA class I locus C heavy chain	X58536.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4710	HLA class III region (NOTCH4 gene)	U89336	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4711	HLA-A gene, HLA-A*0205 allele	L76290.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4712	HLA-B associated transcript-2 (D6S51E) =( MSH	NM_004638.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4713	HLA-B35 mRNA (ORF)	Z22651	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4714	hla-dr heavy chain cooh terminus	J00200.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4715	HMBA-inducible (HIS1)=AB021179 , HEXIM1 pr	NM_006460.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4716	immunoglobulin (CD79A) binding protein 1 (IGB	NM_001551.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4717	immunoglobulin G Fc receptor (ORF)	J03619.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4718	immunoglobulin superfamily containing leucine-r	AB024537.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4719	immunoglobulin superfamily member protein (BL	AF132811.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4720	immunoglobulin superfamily, member 6 (IGSF6)	gi5031672	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4721	imogen 38 (RefSeq aa 1e-60)	NP_005821.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4722	leukocyte common antigen (T200)	Y00638	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4723	major histocompatibility class II antigen gamma	K01144	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4724	major histocompatibility complex, class I, E (HLA	NM_005516.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4725	major Yo paraneoplastic antigen(CDR2)	M63256	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4726	male-enhanced antigen(MEA)	NM_014623.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4727	MHC binding protein-2	AAA36202.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4728	MHC class I promoter binding protein (=AF1201	X65463	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1



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4729	miCRoglobulin (ORF)(C to A point mutation at nt	S82300	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4730	mutant (Daudi) beta2 - miCRoglobulin (ORF)	X07621	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4731	PA28 gamma subunit (Psmc3)	AB007139	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4732	SART-1	AB006198.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4733	strain ECOR 24 rrlB operon, complete sequence	AF053967	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4734	SWAP-70 homolog	AF134894.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4735	T-cell antigen receptor alpha-chain (TCR-ATF2)	M77167.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4736	T-cell nuclear receptor NOT (Nurr1)	AB019433.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4737	T-cell receptor alpha chain-c6.1A fusion protein	S72931.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4738	T-cell receptor alpha delta locus	AF283991.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4739	T-cell receptor alpha delta locus from bases 1 to	AE000658.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4740	TJ6 protein (RefSeq aa 8e-56)	NP_036595.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4741	180 kDa transmembrane PLA2 receptor	U17033.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4742	adult T-cell leukemia derived factor	E01915	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4743	BAG-family molecular chaperone regulator-3	AF095193	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4744	BAG-family molecular chaperone regulator-5 (=AF	AF095195.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4745	beta-defensin-1,2	U50931	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4746	breast epithelial antigen BA46	U58516	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4747	BTK-binding protein mRNA, complete cds	AF235049.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4748	cellular repressor of E1A-stimulated genes (CRE	NM_003851.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4749	centromere autoantigen C (CENPC)	M95724	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4750	colon cancer antigen NY-CO-45 mRNA, partial c	AF039442.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4751	DARC	X85785.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4752	defensin, alpha 3, neutrophil-specific (DEFA3) (=	NM_005217.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4753	heat shock 105kD (HSP105B)	NM_006644.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4754	HEAT SHOCK COGNATE 71 KD PROTEIN	spP11142	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4755	heat shock factor 2 (HSF2)	M65217	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4756	heat shock protein (=AF085359.1 HSPC030)	AF170920	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4757	heat shock protein (HSP21) mRNA, chloroplast g	U66300.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4758	Heat shock protein 70 testis variant (=M59829 M	D85730	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4759	heat shock protein apg-2	AB023420.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4760	heat shock protein hsp40 =U41290 DNAJ homol	U40992	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4761	HEAT SHOCK PROTEIN, MITOCHONDRIAL 10	spQ04984	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4762	heat shock protein= HSPA2= L26336= U10284	U56725	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4763	hepatocellular carcinoma-associated antigen 56	AF262403.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4764	hepatocellular carcinoma-associated antigen 64	Hs.314977	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4765	HSP105 alpha (=AF039695.1 antigen NY-CO-25	AB003334.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4766	HSP27	AB020027.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4767	mixed lineage kinase (MLK-3) (=U07747 sprk)	L32976	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4768	MSJ-1	AB014888	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4769	NA14 protein	Z96932	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4770	novel T-cell activation protein	X94232.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4771	p38gamma MAP Kinase (=Y10487 stress activa	U66243	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4772	platelet-endothelial tetraspan antigen 3	U14650.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4773	PML-1	M79462.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4774	polymyositis/scleroderma autoantigen 1(75kD) (I	NP_005024.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4775	pre-B cell stimulating factor homologue (SDF1b)	L36033.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4776	PX19 protein	AF112203.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4777	renal cell carcinoma associated antigen G250	AJ010588.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4778	rheumatoid arthritis related antigen RA-A47	AB044781.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4779	stannin (=DKFZp761P2414)	AF070673.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4780	Ste-20 related kinase (RefSeq aa 2e-41)	NP_037365.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4781	Ste20-like kinase	X99325	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4782	stress 70 protein chaperone, microsome-associ	NM_006948.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4783	stromal antigen 3 (STAG3)	NM_012447.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4784	sulfotransferase 1C2 (SULT1C2) gene, complete	AF186263.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4785	TP53 target gene (TP53TG1)	NM_007233.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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4786	WP34 (phosphorylated lymphocyte differentia	X55188	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4787	ATPase inhibitor precursor	NP_057395.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4788	BAI-associated protein 3 (=AB018277 hypothetic	AB017111	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4789	beta-site APP-cleaving enzyme (RefSeq aa 5e-8	NP_036236.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4790	interferon induced transmembrane protein 3 (1-8	NM_021034.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4791	INTERFERON-INDUCED TRANSMEMBRANE	spQ01628	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4792	MEMBRANE PROTEIN C21ORF4 17.9 KD	P56557	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4793	trans-Golgi p230	U41740	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4794	Adaptor protein containing pH domain, PTB dom	NM_012096.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4795	adaptor-related protein complex 1, gamma 2 su	NM_003917.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4796	apoferritin H (=M11146)	X03488	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4797	BIOTIN CARBOXYL CARRIER PROTEIN OF M	P02904	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4798	cationic amino acid transporter-2A (ATRC2)	U76368	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4799	coatamer protein complex, subunit beta (COPB)	NM_016451.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4800	coatamer protein complex, subunit epsilon (CO	NM_007263.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4801	coatamer protein complex, subunit gamma 2 (Re	NP_036265.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4802	constitutively expressed serum amyloid A protei	L05920.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4803	COPZ2 for nonclathrin coat protein zeta-COP (L	NM_016429.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4804	corin (RefSeq aa 7e-45)	NP_006578.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4805	DUTT1 (chromosome 3)	Z95705.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4806	EGF repeat transmembrane protein	U57368	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4807	ENIGMA protein	AF265209.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4808	epithelial membrane protein 2 (EMP2)	NM_001424.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4809	erythrocyte adducin alpha subunit	X58141	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4810	ferroportin 1; iron regulated gene 1 (FPN1)(= SL	NM_014585.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4811	golgi membrane protein GP73(LOC51280)	NM_016548.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4812	Golgi membrane protein type II (RefSeq aa 4e-3	NP_055313.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4813	Ke4 gene, mouse, human homolog of (D6S2244	NM_006979.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4814	LIM domain kinase 2 (LIMK2)	NM_005569.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4815	lysosomal apyrase-like 1 (LYSAL1)	XM_040572.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4816	membrane interacting protein of RGS16 (MIR16	NM_016641.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4817	membrane metallo-endopeptidase (neutral endo	NM_000902.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4818	mouse SKD1 homolog (SKD1)	NM_004869.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4819	multispanning nuclear envelope membrane prote	AF143676.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4820	myoglobin (MB), mRNA	NM_005368.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4821	myo-inositol monophosphatase A3 (IMPA3)	AY032885.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4822	N-ethylmaleimide-sensitive factor (NSF)	AF135168.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4823	neuronal membrane glycoprotein M6b	U45955	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4824	PEX13	AB022192.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4825	phosphate carrier precursor isoform 1a;phospha	NP_005879.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4826	placental protein 17b1 (PP17)(=cargo selection	AF055574.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4827	progesterin induced protein (DD5), mRNA /cds=(3	Hs.278428	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4828	putative membrane protein, complete cds	AB020980.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4829	putative heme-binding protein (SOUL)	NM_014320.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4830	putative integral membrane transporter (LC27)	NM_018407.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4831	putative transmembrane receptor (frizzled 4)	U43317	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4832	secretory granule neuroendocrine protein 1 (7B2	NM_003020.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4833	seven transmembrane segment receptor	M99293	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4834	supervillin (SVIL)	XM_030476.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4835	tetraspan 3; Tspan-3 (RefSeq aa 8e-51)	NP_005715.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4836	tetraspan NET-1	AF065388.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4837	tetraspan NET-6 protein(NET-6), mRNA	NM_014399.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4838	tetraspanin TM4-D	AF133426.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4839	translocase of inner mitochondrial membrane 10	NM_012456.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4840	translocase of inner mitochondrial membrane 8	XM_041384.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4841	transmembrane 4 superfamily protein (SAS) (OF	U01160	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4842	transmembrane 7 superfamily member 1 (upregi	gi4507544	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

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4843 transmembrane GTPase  
4844 transmembrane protein 4 (TMEM4), mRNA /cds  
4845 transmembrane protein CD99 type II  
4846 transmembrane protein with EGF-like and two fo  
4847 transmembrane proteolipid (HSPC224)  
4848 transmembrane trafficking protein (TMP21), mR  
4849 VAMP (vesicle-associated membrane protein)-a  
4850 mutL (E. coli) homolog 3 (MLH3)  
4851 mutY homolog (hMYH)  
4852 alanyl-tRNA synthetase (AARS)  
4853 damage-specific DNA binding protein 2 (48kD) (I  
4854 DNA recombination and repair protein (MRE11B  
4855 DNA repair protein XRCC4  
4856 DNA topoisomerase gene type I, exon 8  
4857 DNA topoisomerase II binding protein  
4858 excision repair gene ERCC-1  
4859 Helicase (KIAA0054)  
4860 HHR23A protein  
4861 KIAA0054 gene product; Helicase (RefSeq aa 14  
4862 nucleolar RNA-helicase (noH61 gene)  
4863 putative RNA helicase, 3' end  
4864 RAD50 (S. cerevisiae) homolog (RefSeq aa 2e-3  
4865 RAD50-2 protein (RAD50)  
4866 Rad51-interacting protein (60% aa)  
4867 RAD9 (S. pombe)(RAD9)(=cell cycle checkpoint  
4868 SWI/SNF related, matrix associated, actin deper  
4869 SWI/SNF related, matrix associated, actin deper  
4870 T-COMPLEX PROTEIN 1, EPSILON SUBUNIT (spP48643  
4871 T-COMPLEX PROTEIN 1, THETA SUBUNIT (T  
4872 transketolase-like 1 (TKTL1)  
4873 xeroderma pigmentosum complementation grou  
4874 adenylate kinase 2 (AK2),transcript variant AK2  
4875 carbonic anhydrase III  
4876 carbonic anhydrase XII (CA12)  
4877 ceruloplasmin, exon 10 (ORF)  
4878 coagulation factor VIII  
4879 complement C1q A chain precursor  
4880 complement component 2 (RefSeq aa 7e-80)  
4881 complement component 3 precursor (RefSeq aa  
4882 complement component 3a receptor 1 (RefSeq  
4883 complement decay-accelerating factor (DAF) (=M15799  
4884 cytochrome P450 21-hydroxylase (CYP21) gene  
4885 cytochrome P450 3A9  
4886 cytochrome P450 monooxygenase (LOC57404)  
4887 cytochrome P450, subfamily IVA, polypeptide 11  
4888 epoxide hydrolase 2, cytoplasmic (EPHX2)  
4889 glutathione S-transferase A4 (GSTA4)  
4890 glutathione S-transferase theta 2 (GSTT2) (GST  
4891 glutathione S-transferase= (MICROSOMAL GST  
4892 glutathione synthetase  
4893 glutathione transferase M2 (GSTM2)  
4894 gpx1 glutathione peroxidase (=Y00433)  
4895 iron-responsive element-binding protein/iron reg  
4896 lactoferrin BTLF3  
4897 light chain of factor I  
4898 metallothionein 2A; MT-II (RefSeq aa 8e-30)  
4899 MHC class II DR subtype Dw12

4843	transmembrane GTPase	U95822.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4844	transmembrane protein 4 (TMEM4), mRNA /cds	Hs.8752	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4845	transmembrane protein CD99 type II	U82164	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4846	transmembrane protein with EGF-like and two fo	U19878	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4847	transmembrane proteolipid (HSPC224)	NM_016951.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4848	transmembrane trafficking protein (TMP21), mR	Hs.74137	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4849	VAMP (vesicle-associated membrane protein)-a	NM_004738.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4850	mutL (E. coli) homolog 3 (MLH3)	NM_014381.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4851	mutY homolog (hMYH)	U63329	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4852	alanyl-tRNA synthetase (AARS)	NM_001605.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4853	damage-specific DNA binding protein 2 (48kD) (I	NM_000107.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4854	DNA recombination and repair protein (MRE11B	AF022778	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4855	DNA repair protein XRCC4	U40622	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4856	DNA topoisomerase gene type I, exon 8	M60694.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4857	DNA topoisomerase II binding protein	AB019397	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4858	excision repair gene ERCC-1	X07415	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4859	Helicase (KIAA0054)	NM_014877.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4860	HHR23A protein	D21235	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4861	KIAA0054 gene product; Helicase (RefSeq aa 14	NP_055692.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4862	nucleolar RNA-helicase (noH61 gene)	AJ131712.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4863	putative RNA helicase, 3' end	AJ223948.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4864	RAD50 (S. cerevisiae) homolog (RefSeq aa 2e-3	NP_005723.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4865	RAD50-2 protein (RAD50)	AF057299.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4866	Rad51-interacting protein (60% aa)	AF006259	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4867	RAD9 (S. pombe)(RAD9)(=cell cycle checkpoint	NM_004584.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4868	SWI/SNF related, matrix associated, actin deper	NM_003078.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4869	SWI/SNF related, matrix associated, actin deper	NM_003079.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4870	T-COMPLEX PROTEIN 1, EPSILON SUBUNIT (spP48643		0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4871	T-COMPLEX PROTEIN 1, THETA SUBUNIT (T	spP50990	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4872	transketolase-like 1 (TKTL1)	NM_012253.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4873	xeroderma pigmentosum complementation grou	NM_000380.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4874	adenylate kinase 2 (AK2),transcript variant AK2	NM_001625.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4875	carbonic anhydrase III	M29452	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4876	carbonic anhydrase XII (CA12)	NM_001218.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4877	ceruloplasmin, exon 10 (ORF)	D45037	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4878	coagulation factor VIII	AF062515	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4879	complement C1q A chain precursor	AF135157.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4880	complement component 2 (RefSeq aa 7e-80)	NP_000054.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4881	complement component 3 precursor (RefSeq aa	NP_000055.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4882	complement component 3a receptor 1 (RefSeq	NP_004045.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4883	complement decay-accelerating factor (DAF) (=M15799		0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4884	cytochrome P450 21-hydroxylase (CYP21) gene	AF077974.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4885	cytochrome P450 3A9	U46118	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4886	cytochrome P450 monooxygenase (LOC57404)	NM_020674.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4887	cytochrome P450, subfamily IVA, polypeptide 11	NP_000769.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4888	epoxide hydrolase 2, cytoplasmic (EPHX2)	NM_001979.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4889	glutathione S-transferase A4 (GSTA4)	NM_001512.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4890	glutathione S-transferase theta 2 (GSTT2) (GST	AF240786.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4891	glutathione S-transferase= (MICROSOMAL GST	J03746.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4892	glutathione synthetase	U34683	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4893	glutathione transferase M2 (GSTM2)	M63509	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4894	gpx1 glutathione peroxidase (=Y00433)	X13709	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4895	iron-responsive element-binding protein/iron reg	M58510	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4896	lactoferrin BTLF3	L24753	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4897	light chain of factor I	CAA68418.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4898	metallothionein 2A; MT-II (RefSeq aa 8e-30)	NP_005944.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4899	MHC class II DR subtype Dw12	M16086.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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4900	MHC class II HLA-DR7-associated glycoprotein	M16941.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4901	MHC class II HLA-DR-beta-1 (HLA-DRB1)	M33600	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4902	MHC HLA-Dw12 DQ-beta chain	M57650.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4903	MHC leukocyte antigen (HLA-A) gene, HLA-A*24	L47206.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4904	MTA1 like1	AB016591.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4905	MTG8-like protein(MTGR1) gene	AF076461.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4906	MTH1b (p22), MTH1c (p21), MTH1d (p18)	AB025239.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4907	pentaxin-related gene rapidly induced by IL-1 beta	NM_002852.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4908	peroxiredoxin 3; thioredoxin-dependent peroxide	NP_006784.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4909	PHEX gene	Y10196.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4910	prothrombin (F2) gene (Alu and KpnI repeats)	M17262.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4911	small inducible cytokine subfamily A(Cys-Cys), r	NP_005614.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4912	small inducible cytokine subfamily B (Cys-X-Cys)	NM_004887.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4913	Sop2p-like protein	Y08999	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4914	Su (P) (=Z70310 C.elegans glutathione S-transf	AJ011320	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4915	superoxide dismutase 1 soluble (amyotrophic lat	XM_047885.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4916	superoxide dismutase 3, extracellular (SOD3)	NM_003102.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4917	superoxide dismutase Mn (EC 1.15.1.1+D3527)	Y00472.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4918	thiol-specific antioxidant	X82321	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4919	thioredoxin reductase 1 (TXNRD1)	NM_003330.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4920	Chediak-Higashi syndrome 1 (CHS1)	NM_000081.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4921	Ankhn mRNA,	AB011370	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4922	arfaptin 1 (HSU52521)	NM_014447.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4923	intersectin short form	AF064243	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4924	alpha endosulfine	AF157509.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4925	caveolin 2 (CAV2)	NM_001233.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4926	caveolin 3 (CAV3)	NM_001234.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4927	caveolin-1/-2 locus, Contig1, D7S522, genes CA	AJ133269.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4928	clathrin assembly protein 50 (AP50) (=D63475 h	U36188	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4929	clathrin coat assembly protein	E13406	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4930	clathrin, light polypeptide (Lcb) (CLTB)	NM_001834.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4931	clathrin-associated protein	X97074.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4932	Hermansky-Pudlak syndrome (HPS)	NM_000195.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4933	kanadaplin	AF035526	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4934	myoM [Dictyostelium discoideum](38%ORF)	AB017910	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4935	partial SNAP-23 gene for synaptosome associat	AJ278974.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4936	Rab7 protein	X89650	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4937	SKD1 homologue	AF038960	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4938	SMCY (H-Y)	U52191	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4939	sympleskin; Huntingtin interacting protein I (SPK	XM_017129.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4940	synaptosome associated protein 23 kD isoform A	AJ011915.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4941	vesicle trafficking protein (SEC22C) (ORF)	AF039568	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4942	VPS28 protein (LOC51160)(ORF)	NM_016208.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4943	zinc/ iron regulated transporter-like (ZIRTLL) (=pu	NM_014437.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4944	synaptosomal-associated protein 25kD (SNAP25)	XM_056115.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4945	4F2 heavy chain	AB018010.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4946	88-kDa Golgi protein (GM88)	AF204231.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4947	CG12935 gene product	AAF58754.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4948	CG13865 gene product [Drosophila melanogaster]	AE003066	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4949	CG13919 gene product	AE003472	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4950	CG14037 gene product	AAF52201.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4951	CG14903 gene product	AAF55335.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4952	CG17593 gene product [Drosophila melanogaster]	AE003579	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4953	CG2839 gene product	AAF51469.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4954	CG3358 gene product	AAF57413.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4955	CG3918 gene product [Drosophila melanogaster]	AAF46166.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4956	CG6949 gene product	AE003739	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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100% 99% 98% 97% 96% 95% 94% 93% 92% 91% 90% 89% 88% 87% 86% 85% 84% 83% 82% 81% 80% 79% 78% 77% 76% 75% 74% 73% 72% 71% 70% 69% 68% 67% 66% 65% 64% 63% 62% 61% 60% 59% 58% 57% 56% 55% 54% 53% 52% 51% 50% 49% 48% 47% 46% 45% 44% 43% 42% 41% 40% 39% 38% 37% 36% 35% 34% 33% 32% 31% 30% 29% 28% 27% 26% 25% 24% 23% 22% 21% 20% 19% 18% 17% 16% 15% 14% 13% 12% 11% 10% 9% 8% 7% 6% 5% 4% 3% 2% 1% 0%

4957	CG8605 gene product [Drosophila melanogaster]	AE003559	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4958	CG9469 gene product	AAF57414.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4959	CGI-03 protein (=AF106798 fas-associated factor)	AF132938.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4960	CGI-06 protein (LOC51604),	NM_015937.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4961	CGI-10 protein (LOC51004),	NM_015940.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4962	CGI-12 protein (RefSeq aa 1e-68)	NP_057026.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4963	CGI-125 protein (RefSeq aa 1e-30)	NP_057144.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4964	CGI-128 protein (ORF)	AF151886	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4965	CGI-145 protein (RefSeq aa 2e-48)	NP_057159.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4966	CGI-17 protein	AF132951.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4967	CGI-18 protein (LOC51008)	NM_015947.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4968	CGI-26 protein (LOC51071)	NM_015954.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4969	CGI-27 protein	AF132961.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4970	CGI-35 protein (LOC51077)	NM_015962.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4971	CGI-47 protein (LOC51095)(ORF)	NM_016000.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4972	CGI-48 protein (LOC51096)	NM_016001.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4973	CGI-54 protein (60% aa)	AF151812	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4974	CGI-79 protein (RefSeq aa 2e-76)	NP_057108.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4975	CGI-80 protein	AF151838.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4976	CGI-85 protein (LOC51111)	NM_016028.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4977	CGI-87 protein (LOC51112)	NM_016030.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4978	cytoplasmic dynein intermediate chain 2C mRNA	U39046.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4979	cytoskeleton-associated protein 4 (CKAP4), mRNA	XM_006940.4	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4980	diaphanous 1 (HDIA1)	AF051782.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4981	dynactin light chain (DCTN-22)	NM_007234.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4982	dynactin p62 subunit(LOC51164)(= putative tumor suppressor)	NM_016221.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4983	dynein light chain-A (LOC51143)(ORF)	NM_016141.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4984	dynein light intermediate chain 2 (LIC2)	AF035812	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4985	dynein, cytoplasmic, intermediate polypeptide 1	NP_004402.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4986	dynein, cytoplasmic, light intermediate polypeptide	BC010928.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4987	flightless I (Drosophila) homolog (FLII), mRNA	NM_002018.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4988	gamma-tubulin complex protein 2 (GCP2)	XM_057524.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4989	golgi SNAP receptor complex member 1 (GOSR1)	NM_004871.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4990	golgi SNAP receptor complex member 2 (GOSR2)	NM_004287.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4991	Golgi transport complex protein (90 kDa) (GTC90)	NM_006348.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4992	golgin-67 (GOLGA5) D1886	AF164622.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4993	kinectin 1 (156 kDa Protein) (=CG1)	CAA80271.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
4994	kinesin heavy chain member 2 (KIF2)	NM_004520.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4995	kinesin-like protein GAKIN	AF279865.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4996	kinesin-like spindle protein HKSP (=X85137)	U37426	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
4997	kinesin-related protein, partial cds	D14678.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
4998	MAP1B protein	AF115776.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
4999	microtubule-associated proteins 1A/1B light chain	AF303888.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5000	novel centrosomal protein RanBPM (RANBPM)	NM_005493.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5001	spindle pole body protein spc97 homologue GC	AF042379	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5002	Sprague-Dawley acidic calponin	U06755	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5003	TACC2 protein (TACC2) (=AF176646.1 anti zua)	AF095791.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5004	CG2974 gene product (aa 2e-41,52%)	AAF46554.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5005	CG6353 gene product (aa 3e-20,68%)	AAF55906.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5006	CG8198 gene product	AAF48498.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5007	CGI-01 protein (CGI-01), mRNA	NM_015935.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5008	CGI-11 protein (RefSeq aa 2e-35)	NP_057025.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5009	CGI-144 protein	AF151902.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5010	CGI-55 protein	AF151813.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5011	dJ797M17.1 (Dermatopontin)	CAB46693.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5012	adlican	AF245505.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5013	chondrocyte expressed protein 68 kDa (CEP-68)	AJ279016.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1

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5014	chondroitin 4-O-sulfotransferase 2	AF239822	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5015	chondroitin 6-sulfotransferase	AB017915	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5016	collagen type III N-endopeptidase (PCOLN3), (=	NM_002768.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5017	collagen type VI alpha 2 (COL6A2)	M81836.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5018	collagenous repeat-containing sequence of 26kD	AAG33704.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5019	dentin matrix acidic	NM_004407.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5020	dystroglycan 1	NM_004393.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5021	EGF-containing fibulin-like extracellular matrix p	NM_004105.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5022	elastin gene, partial cds and partial 3'UTR	U77846.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5023	EPSILON-COAT PROTEIN (EPSILON-COP; LD	spAC005197	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5024	extracellular protein (S1-5)	U03877	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5025	fibrillarin (FBL)	NM_001436.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5026	fibulin 1 (FBLN1)	XM_047231.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5027	fibulin 2 (FBLN2)	NM_001998.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5028	fibulin-4	AJ132819	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5029	germ line gene homologous to bladder carcinom	V00574.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5030	glypican-5 (GPC5) (=AF001462)	U66033	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5031	glypican-6 (GPC6)	AF105267.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5032	Hakata antigen	D88587	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5033	heparan-sulfate 6-sulfotransferase	AB006179	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5034	hepatic leukemia factor (HLF)	M95585	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5035	interphotoreceptor matrix proteoglycan 200 (SP	NM_016247.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5036	lamin-like protein (low match)	M24732	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5037	linker for activation of T cells (LAT)	AF036906.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5038	LST1 mRNA, cLST1/E splice variant, complete c	AF000426.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5039	matrilin 4 (RefSeq aa 5e-44)	NP_003824.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5040	miCROfibril-associated glycoprotein 4 (MFAP4)	L38486	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5041	miCROfibril-associated glycoprotein-2 MAGP-2	U37283.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5042	microfibrillar-associated protein 2 (MFAP2)	NM_002403.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5043	mucin MUC1 (=M61170)	X69118	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5044	nidogen (=M27445;M30269) (low match)	X84837	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5045	period (per) region proteoglycan gene	M13655	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5046	PG-M core protein	D45889.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5047	phosphatidylinositol glycan, class H (PIGH)	L19783	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5048	phosphatidylinositol glycan, class K (PIGK)(= AF	XM_039644.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5049	pRGR1	AF041429.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5050	psihHbC pseudogene for hair keratin	Y19215.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5051	sarcolemmal associated protein (SLAP1) mRNA	U21155.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5052	sarcolipin (SLN)	NM_003063.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5053	sarcosin	AF056929	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5054	sarcospan (Kras)	NM_005086.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5055	sarcospan (Sspn), mRNA	NM_010656.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5056	serglycin gene	M90058.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5057	SHORT-CHAIN COLLAGEN C4	P18503	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5058	tenascin XA (TNXA)	NM_007116.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5059	Z-crystallin/quinone reductase (CRYZ) gene seq	L31526.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5060	Hem-2	X80029.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5061	LAZ3/BCL6 gene	Z79581.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5062	MLL (MLL) gene, exons 1-3, similar to MARINEF	AF036405	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5063	22kDa smooth muscle protein (SM22)	M95787	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5064	actin binding protein (Schizosaccharomyces pom	NM_006409.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5065	actin related protein 2/3 complex, subunit 1B (41	NM_005720.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5066	actin-binding protein 22 kDa (SM22) gene	AF013711.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5067	actin-binding protein homolog ABP-278	AF043045.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5068	actinin-associated LIM protein	AF039018	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5069	actin-like 6 (ACTL6)=AF041474 =BAF53a (BAF	NM_004301.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5070	ACTN2 gene for alpha-Actinin 2, exon 21	AJ249776.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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5071	A-kinase anchoring protein 220 (=AB014529 KIAA0011)	AF176555.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5072	alpha 1-syntrophin (SNT A1)	U40571	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5073	alpha II spectrin (=J05243;X86901)	U83867	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5074	alpha-adducin	L29294	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5075	alpha-tropomyosin	AJ001055.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5076	alpha-tubulin	K00557.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5077	ankyrin 1 (ANK1) (=M28880)	AF005213	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5078	ankyrin alt. variant 2.2 (53%,aa)	X16609	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5079	ankyrin binding glycoprotein-1 related mRNA sequence	L11002	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5080	ankyrin-repeat containing protein (Krit1) gene	U90269.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5081	A-raf-1 oncogene	X04790.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5082	archvillin (SVIL)	AF109135.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5083	beta tubulin (clone nuk_278)	X79535	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5084	beta-filamin	AF042166	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5085	beta-tubulin	AF141349.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5086	capping protein alpha mRNA, partial cds /cds=U00000	Hs.75546	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5087	capping protein beta-subunit isoform 1	U10406	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5088	CDC42-binding protein kinase beta (DMPK-like)	NM_006035.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5089	cofilin, non-muscle type (=U21909)	X95404	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5090	cytohesin 1, isoform 2 (RefSeq aa 3e-30)	NP_059430.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5091	cytokeratin 8	U76549.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5092	desmosome associated protein pinin	U77716	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5093	destrin-2 (=actin depolymerizing factor)	U72518	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5094	drebrin E	D17530.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5095	dynamitin	L07807	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5096	dystrobrevin B DTN-B1	Y15722	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5097	GLUT1 C-terminal binding protein (GLUT1CBP)	NM_005716.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5098	hCRNN4	AB030656.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5099	kelch (Drosophila)-like 3(=kelch-like protein)	NM_017415.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5100	keratin type II (58 kD)	M21389.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5101	NuMA protein (=Z11584;Z14229;Z14227)	Z11583	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5102	partial TTN gene for titin	AJ277892.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5103	phosvitin/casein kinase type II beta subunit (EC 2.7.1.37)	X16937.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5104	regulatory factor X-associated ankyrin-containing protein	NM_003721.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5105	scinderin (SCIN), mRNA /cds=(276,1682) /gb=N00000	Hs.210473	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5106	singed (Drosophila)-like(sea urchin fascin homolog)	NM_003088.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5107	skeletal muscle alpha-actin gene (ACTA1)	AF182035.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5108	skeletal muscle HSB84A051 STRATAGENE cDNA	Z28721.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5109	skeletal muscle selenoprotein W (SelW)	U25264	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5110	smoothelin	AC005005	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5111	spectrin, alpha,non-erythrocytic 1 (alpha-fodrin) (P1)	NM_003127.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5112	spectrin, beta, non-erythrocytic 1 (SPTBN1)(ORF)	NM_003128.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5113	stretch regulated skeletal	CAC03620.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5114	striated muscle contraction regulatory protein (Id)	M96843.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5115	TANKYRASE (RefSeq aa 9e-90)	NP_003738.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5116	telethonin	AJ000491	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5117	testican-1	AF231124	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5118	TRICHOHYALIN	spP37709	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5119	tubulin alpha 6 (TUBA6)	XM_028724.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5120	tubulin, alpha, ubiquitous (K-ALPHA-1)	NM_006082.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5121	tubulin, beta, 2 (TUBB2) (ORF)	NM_006088.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5122	tubulin, beta, 4 (TUBB4)	NM_006086.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5123	tubulin-specific chaperone d (TBCD)= AJ006417	NM_005993.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5124	uroporphyrinogen decarboxylase (UROD)	AF047383	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5125	vasodilator-stimulated phosphoprotein (VASP)	NM_003370.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5126	zyxin (ZYG) (=ESP-2)	NM_003461.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5127	actin binding protein; macrophin(microfilament associated)	NP_036222.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1



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5128	alpha actinin 4 (Actn4)	NM_021895.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5129	alpha tropomyosin (tpma)	AF180892.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5130	aortic-type smooth muscle alpha-actin (SM-alpha)	M33216.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5131	fast skeletal troponin C	X07898	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5132	myosin alkali light chain (ventricular)	M24122	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5133	myosin binding protein H	L05606	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5134	myosin IC (MYO1C)	NM_004998.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5135	myosin, light polypeptide 6, alkali, smooth muscle	XM_049089.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5136	myosin, light polypeptide kinase (RefSeq aa 2e-1)	NP_005956.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5137	myosin-Ixb	U42391	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5138	myotubular myopathy 1 (MTM1)	NM_000252.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5139	regulatory myosin light chain (MYL5)	L03785	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5140	slow skeletal muscle troponin T (clone H22h)	M19309	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5141	slow-twitch skeletal troponin I (TNN1)	J04760	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5142	SMAP-5 smooth muscle cell associated protein	AB014733	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5143	SMC-like protein	AJ005015.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5144	smooth muscle myosin light chain kinase	M76233.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5145	troponin I, skeletal, fast 2 (Tnni2), mRNA	NM_009405.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5146	adapt78 protein gene= U85266	U53821.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5147	colon cancer-associated protein Mic1	NM_013326.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5148	CRIB-containing BORG2 protein (BORG2)	AF164118.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5149	laforin (EPM2A)	AF084535.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5150	neuroligin 3	AF217413.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5151	peroxisomal membrane protein 20	AF124993.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5152	peroxisomal membrane protein 3 (35kD, Zellweger)	NM_000318.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5153	peroxisomal targeting signal 1 (SKL type) receptor	Z48054.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5154	peroxisome assembly factor-2 (PEX6) gene	AF108098.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5155	phosphatidylinositol glycan, class C (PIGC)	gi4505794	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5156	PIG-A protein	D11466	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5157	tight junction protein 1 (zona occludens 1) (TJP1)	NM_003257.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5158	tight junction protein ZO-2 (TJP2)	AF177533.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5159	78 kDa gastrin-binding protein	U04627.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5160	AP-3 complex sigma3A subunit	U91932.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5161	ARE1-like protein	AJ006026.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5162	ASIALOGLYCOPROTEIN RECEPTOR 2 (HEPA)	P24721	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5163	ESR (EST84588 Colon adenocarcinoma IV cDNA)	AA372592.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5164	neuropilin-2 (a5)	AF022861	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5165	son of sevenless 1	Z11574	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5166	toll-like receptor3 (RefSeq aa 3e-41)	NP_003256.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5167	trg (=AB028981 KIAA1058)	X68101	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5168	UCC1 protein (UCC1 gene)	AJ250475.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5169	5-HT4 receptor gene	AJ243213.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5170	alpha 7 neuronal nicotinic receptor	AF029838	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5171	alpha-CP1 (=X78137 hnRNP-E1)	U24223	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5172	alpha-globin transcription factor CP2	M84810.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5173	autocrine motility factor receptor (AMFR)	NM_001144.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5174	beta-hydroxysteroid dehydrogenase 11 (HSD11)	M76661	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5175	bradykinin receptor B2 (BDKRB2)	NM_000623.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5176	breast cancer nuclear receptor-binding auxiliary	AF126008.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5177	calcitonin receptor-like receptor activity modifying	NM_005854.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5178	CD163 antigen (CD163) (=M130 antigen (cytotoxic	NM_004244.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5179	CD33 differentiation antigen (CD33)	M23197	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5180	CD34	M81104	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5181	CD39L2 (CD39L2)	AF039916	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5182	CD3G antigen, gamma polypeptide (TIT3 complex)	X04145	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5183	CD58	Y14785	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5184	CDA11 protein (CDA11), mRNA /cds=(25,918) /g	Hs.11810	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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5185	CHRM3 gene for muscarinic acetylcholine recep	AB041395.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5186	class I cytokine receptor (zcytor5)	AF178684.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5187	colony stimulating factor 1 receptor (CSF1R) ge	M33210.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5188	CSF-1 receptor (FMS) gene (=KIAA0194)	U63963.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5189	CSF2RA=GM-CSF receptor alpha subunit	S48475.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5190	endothelial protein C receptor	AB026584.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5191	endothelin receptor type A (EDNRA)	NM_001957.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5192	endothelin receptor type B-like protein	U87460.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5193	epidermal growth factor repeat containing protei	AF186084	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5194	Epstein-Barr virus induced gene 2(lymphocyte-s	NP_004942.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5195	estrogen receptor gene, 5' partial (422 bp)	AJ002562.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5196	estrogen receptor-bindingfragment-associated g	NP_004206.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5197	estrogen related receptor alpha (ESTRA) pseu	U85258.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5198	estrogen-related receptor gamma (ESRRG)	NM_001438.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5199	Ewing sarcoma breakpoint region 1 (EWSR1), tr	NM_005243.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5200	fibroblast growth factor receptor 2 (bacteria-expr	NM_000141.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5201	fibroblast growth factor receptor 3 (achondroplas	XM_044120.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5202	fibroblast growth factor receptor(N-sam)	X66945	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5203	FYN-binding protein (FYB-120/130) (RefSeq aa	NP_001456.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5204	G protein-coupled receptor 30 (GPR30)	NM_001505.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5205	G protein-coupled receptor 48 (GPR48)	NM_018490.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5206	G protein-coupled receptor Edg-2	Y09479	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5207	G protein-coupled receptor kinase 5 (GPRK5)	NM_005308.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5208	GABAA receptor subunit alpha4	U30461	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5209	gene for vitamin D receptor, exon 9 (=1,25-dihy	AB002168.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5210	genes for vasopressin, oxytocin and a long inter	X59496.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5211	gephyrin (GPH)	NM_020806.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5212	G-protein coupled receptor (SH120)	gi7706703	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5213	G-protein-coupled receptor 48 (GPR48)	AF257182.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5214	growth factor receptor bound protein 2 (Grb2)	NM_008163.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5215	growth hormone receptor (contains Alu repeat)	X06562	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5216	H1 histamine receptor	Z34897.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5217	Hin-2 (=U40396 steroid receptor coactivator SR	U19179	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5218	histamine H1-receptor	D14436.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5219	IL-1 receptor antagonist IL-1Ra (IL-1RN)	U65590	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5220	IL-13 receptor	Y08768	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5221	interferon alpha/beta receptor (IFNAR) gene, ex	U06244	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5222	interferon, gamma-inducible protein 16 (IFI16)	NM_005531.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5223	interferon,gamma-inducible protein 30 (IFI30)(O	NM_006332.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5224	interleukin-1 receptor-associated kinase 1 (IRAK	Hs.182018	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5225	interleukin-11 receptor	Z38102	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5226	interleukin-18 binding protein c precursor (IL18B	AF110801.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5227	laminin receptor precursor/p40 ribosome associ	U43901.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5228	leukemia inhibitory factor receptor (LIFR)	NM_002310.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5229	lymphatic vessel endothelial hyaluronan recepto	NM_006691.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5230	M2-type pyruvate kinase	M23725	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5231	m3 muscarinic acetylcholine receptor (CHRM3)	U29589.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5232	metabotropic glutamate receptor 6 (mGluR6) ge	U82083.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5233	mineralocorticoid receptor (=hMR) (low match)	M80582	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5234	natriuretic peptide precursor B (NPPB)	NM_002521.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5235	neurotrophic tyrosine kinase, receptor, type 2 (N	NM_006180.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5236	NK receptor Ly-49L gene	AF126036.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5237	NKG2D gene	AJ001689.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5238	novel retinal pigment epithelial cell protein (NOR	AF155135.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5239	NRBF-2 nuclear receptor binding factor-2	AB024930.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5240	nuclear receptor binding protein (NRBP)	NM_013392.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5241	nuclear receptor interacting protein 1 (NRIP1)	gi4505454	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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5242	nuclear receptor Rev-Erba-beta	U20796.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5243	nuclear receptor subfamily 1, group I, member 3	NM_005122.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5244	olfactory receptor (OR2D2) gene, partial cds	AF065876.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5245	olfactory receptor (OR7-86) pseudogene U8628	U86282	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5246	olfactory receptor 17-93 (OR17-93) and olfactory	U76377	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5247	oncostatin M receptor (OSMR)	NM_003999.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5248	osteoprotegerin ligand	AF053712	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5249	outer membrane receptor Tom20 (TOM20) gene	AF126962.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5250	oxytocin receptor	X64878	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5251	oxytocinase splice variant 1	U62768	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5252	P2X7	Y12853	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5253	p50B/p97 (Lyt-10) transCRiption factor	D16367	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5254	PAR protein (PAR)	NM_012389.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5255	peroxisome proliferative activated receptor delta	AF246296S8	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5256	peroxisome proliferative activated receptor, gam	NM_013261.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5257	peroxisome receptor 1 (PXR1)	NM_000319.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5258	PEST-containing nuclear protein (pcnp)	NM_020357.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5259	photolyase, complete cds	D83702.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5260	pilin-like transCRiption factor	AF122004.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5261	PNR gene	AJ276674.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5262	pro-oncosis receptor inducing membrane injury	Hs.172089	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5263	prostaglandin E2 receptor EP4	AF177934	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5264	putative G-protein coupled receptor RA1c	AAD12761.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5265	receptor (calcitonin) activity modifying protein 3	(NM_005856.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5266	receptor of retinoic acid (=M73779 PML-RAR pr	X06614	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5267	receptor tyrosine kinase-like orphan receptor 2	(Hs.155585	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5268	receptor tyrosine phosphatase gamma (PTPRG)	U46116.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5269	receptor-associated protein of the synapse, 43k	XM_037181.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5270	regulator of G protein signaling (RGS5)	AF030108	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5271	Rel domain-containing transCRiption factor NFA	AF162853.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5272	RETINOIC ACID- AND INTERFERON-INDUCIB	spQ13325	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5273	retinoic acid receptor gamma (RARG)	NM_000966.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5274	retinoic acid receptor responder (tazarotene indu	NM_002888.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5275	retinoic acid receptor, beta (RARB) =Y00291 ha	NM_000965.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5276	retinoic acid-induced protein (RAI2)	AF136587.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5277	retinoid x receptor interacting protein (LOC51720	NM_016290.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5278	retinoid X receptor, alpha (RXRA)	NM_002957.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5279	retinoid X receptor, gamma (RXRG)	NM_006917.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5280	RS21-C6 (Tdr-g-TL1)	AF110764.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5281	scg	D67015.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5282	Sck, partial	AB001451	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5283	secreted modular calcium-binding protein 2 (smc	AJ249902.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5284	sigma receptor (SR31747 binding protein 1) (SR	NM_005866.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5285	steroid receptor (TR2-11)	M29960	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5286	steroid receptor RNA activator	AF092038.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5287	T41p (C8orf1)	AF061326.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5288	TAFII20 transcription factor TFIIID(=TFIID subun	X84002.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5289	transmembrane receptor protein	Z17227.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5290	transportin-SR (TRN-SR)	AF145029.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5291	TRHR gene promoter (low match)	AJ011701	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5292	V beta T-cell receptor (TCRBV) (low match)	U03115	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5293	vanilloid receptor-like protein (VRL)	NM_016113.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5294	vasoactive intestinal peptide receptor 1 (VIPR1)	NM_004624.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5295	very low density lipoprotein receptor	D16532	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5296	v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene h	NM_004985.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5297	v-kit Hardy-Zuckerman 4 feline sarcoma viral on	NM_000222.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5298	benzodiazapine receptor (peripheral) (BZRP)	XM_040167.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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5299	14-3-3 epsilon	U54778	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5300	14-3-3 protein beta subtype=putative protein kin	S55223	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5301	14-3-3 protein eta chain	D78577.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5302	14-3-3 protein gamma subtype=putative protein	S55305	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5303	14-3-3n protein (=D78577)	L20422	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5304	40 kDa protein kinase related to rat ERK2	Z11695	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5305	BIFUNCTIONAL 3'-PHOSPHOADENOSINE 5'-F	spO43252	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5306	calcineurin B	M30773.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5307	cAMP-dependent protein kinase regulatory subu	M65066	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5308	CDC-like kinase 3 (CLK3) transcript variant phc1	NM_003992.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5309	DCHT (=AF030403 Ste20-like protein kinase)	AF017635	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5310	ILK-1 gene for integrin-linked kinase 1, exons 1-	AJ404847.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5311	JAB1-containing signalosome subunit 3 (SGN3)	AF031647	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5312	JNK2 beta2 protein kinase (JNK2B2) (ORF)	U35003.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5313	MAP kinase-interacting serine/threonine kinase	NM_003684.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5314	mitogen-activated protein kinase 5 (MAP4K5)	NM_006575.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5315	mitogen-activated protein kinase 8 (MAPK8)(= ki	NM_002750.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5316	mitogen-activated protein kinase phosphatase x	NM_020185.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5317	mitogen-activated proteinkinase-activated protei	NP_003659.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5318	mitotic spindle coiled-coil related protein (DEEP	NM_006461.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5319	pim-1 oncogene	M16750	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5320	PKU-alpha	AB004884	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5321	PKY protein kinase	AF004849.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5322	plk-1 (=U10138)	X73458	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5323	protein kinase C delta-type	D10495.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5324	protein kinase C zeta	Z15108	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5325	protein kinase C, alpha (RefSeq aa 3e-31)	NP_002728.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5326	protein kinase C, nu (PRKCN)	NM_005813.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5327	protein kinase CDK9(CDK9) gene	AF255306	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5328	protein kinase Chk2 (RAD53)	NM_007194.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5329	protein kinase C-theta (PRKCT)	L01087.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5330	protein kinase Dyrk2	Y13493	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5331	protein kinase inhibitor p58	U28424	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5332	protein kinase inhibitor(testicular isoform) (ORF)	L02241	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5333	PROTEIN MOV-10	spP23249	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5334	PROTEIN N-TERMINAL ASPARAGINE AMIDOL	spQ64311	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5335	PROTEIN OS-9 PRECURSOR (non-exact 48%)	spQ13438	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5336	protein tyrosine kinase t-Ror1 (Ror1) (=AF05952	U38894	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5337	rac protein kinase beta	M77198.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5338	Ser/Thr protein phosphatase type 2C beta 2 isof	AF294792.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5339	serine racemase	AF169974.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5340	serine/threonine protein kinase (HSA250839)	NM_018401.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5341	serum inducible kinase (SNK)	M96163	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5342	serum/glucocorticoid regulated kinase-like	gi7019527	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5343	SFRS protein kinase 1 (SRPK1)	NM_003137.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5344	SFRS protein kinase 2 (SRPK2)	NM_003138.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5345	T2K protein kinase homologue	AF145705.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5346	tyrosine 3-monooxygenase/tryptophan 5-monoo	NM_006761.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5347	tyrosine 3-monooxygenase/tryptophan 5-monoo	NM_003406.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5348	tyrosyl-tRNA synthetase	U89436	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5349	VRK2	AB000450	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5350	cGMP phosphodiesterase delta subunit	AF022912	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5351	cGMP-binding cGMP-specific phosphodiesteras	AB001633.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5352	cyclic AMP-regulated phosphoprotein (90% mat	AF112220.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5353	CYCLIC-AMP-DEPENDENT TRANSCRIPTION	spP18848	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5354	Golgi membrane sialoglycoprotein MG160 (GLG	U64791.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5355	breakpoint cluster region protein 2 (BCRG2)	AF044774	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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5356	cAMP-regulated guanine nucleotide exchange factor	NM_007023.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5357	dishevelled 2 (homologous to Drosophila dsh) (C	NM_004422.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5358	formin (Fmn)	NM_010230.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5359	formin-binding protein 17 (FBP17)	AF265550.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5360	GDP dissociation inhibitor 1(GDI1)	NM_001493.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5361	GRB2-associated binding protein 1 (GAB1)	NM_002039.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5362	GTPase Rab14 (LOC51730) (=DKFZp762K0911)	NM_016322.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5363	GTPase-activating protein GAPIII	U20238	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5364	GTP-binding protein similar to RAY/RAB1C (RA	NM_006860.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5365	guanine nucleotide exchange factor delta subunit	M98036	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5366	guanine nucleotide exchange factor GRP1 (=A2	AJ005197	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5367	guanine nucleotide regulatory protein (ABR)	U01147	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5368	guanine nucleotide regulatory protein (oncogene	NM_005863.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5369	Intracellular hyaluronan-binding protein	AF241831.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5370	mad protein homolog (hMAD-2)	U68018	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5371	MAD2 protein (=U31278)	AJ000186	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5372	Na /H <sup>+</sup> exchanger 2 (A57644) (ORF)	D87743	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5373	Na /H <sup>+</sup> exchanger regulatory factor 2 (NHERF-2)	AF035771	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5374	N-acetylneuraminase lyase (EC 4.1.3.3)(Non-ex	CAA27051.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5375	non-receptor tyrosine kinase (TNK1) gene, comp	AF097738	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5376	partial RAB18 gene for RAS-related small GTPa	AJ277148.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5377	phosphoprotein p53	M22898	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5378	Rab acceptor 1 (prenylated) (RABAC1)	NM_006423.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5379	RAB10	XM_002267	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5380	RAB2, member RAS oncogene family (RAB2) (C	NM_002865.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5381	Rab27a (=AF154840.1 Ras-like GTP-binding pr	U38654.3	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5382	RAB31, member RAS oncogene family (RAB31)	NM_006868.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5383	RAB39 (RAB39)	AF322067	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5384	RAB-8b protein (LOC51762),mRNA	NM_016530.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5385	rah=ras-related homologue	S72304	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5386	RalBP1 associated Eps domain containing prote	NM_009048.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5387	RalGDS-like 2 (RGL2)	U68142	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5388	RAN binding protein 3 (RANBP3), transcript vari	NM_007321.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5389	RAN-SPECIFIC GTPASE-ACTIVATING PROTE	spP43487	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5390	Ras association (RalGDS/AF-6) domain family 2	NM_014737.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5391	ras GTPase activating protein-like (NGAP) mRN	NM_004841.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5392	ras GTPase-activating-like protein (IQGAP1) (=	L33075	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5393	Ras homolog enriched in brain 2 (RHEB2)	NM_005614.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5394	ras homolog gene family member A (ARHA)(= G	NM_001664.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5395	RasGAP-related protein (IQGAP2)	U51903.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5396	ras-like protein	M31467	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5397	ras-like protein (low match, 57% aa)	M31468	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5398	ras-related protein (rab18)	L04966	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5399	RAS-RELATED PROTEIN RAH1(AS-RELATED	spQ64008	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5400	RAS-RELATED PROTEIN RAP-1A (C21KG)(KR	spP10113	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5401	rho GDP-dissociation Inhibitor 1	X69550	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5402	Rho GTPase activating protein 6 isoform5 (RefS	NP_038266.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5403	Rho-associated, coiled-coil containing protein kin	NM_004850.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5404	SH3 and PX domain-containing protein SH3PX1	NM_016224.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5405	SH3 domain-containing protein 6511 (LOC5116)	NM_016223.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5406	SH3-containing adaptor molecule-1	AF037261.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5407	SH3-containing protein EEN (EEN) and chromatin	AF190465.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5408	signal transducer and activator of transcrip	L29277	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5409	signal transducing adaptor molecule 2A (STAM	AF042273	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5410	signal-induced proliferation-associated gene 1 (S	NM_006747.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5411	small GTP-binding protein RAB1A	AF226873.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5412	Testin 2 (testin 3)	AF260225	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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5413	T-lymphoma invasion and metastasis inducing	TU16296	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5414	transducer of ERBB2, 1 (RefSeq aa 2e-64)	NP_005740.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5415	transducer of ERBB2, 2(TOB2)	NM_016272.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5416	transducin (beta) like 1 protein	Y12781	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5417	A kinase (PRKA) anchor protein 1 (AKAP1)	XM_008154.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5418	ANG2 (ANG2)	AF024631.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5419	angiopoietin-like 2 (ANGPTL2)	NM_012098.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5420	Aspergillus nidulans sudD homologue	AF013591	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5421	BB1=malignant cell expression-enhanced gene/	gi1699264	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5422	bone-derived growth factor (BPGF-1)	L42379.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5423	EXT-like protein 2 (EXTL2)	AF000416.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5424	factor C=endotoxin-sensitive intracellular serine	S77064	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5425	gliosarcoma-related antigen MIDA1 (MIDA1)	AF118853.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5426	glycine amidinotransferase (L-arginine:glycine ar	NM_001482.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5427	insulin-like growth factor binding protein 6 (IGFB	M69054.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5428	interferon-related developmental regulator 1	NP_001541.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5429	MAGE-Xp (non-exact 60%) (=M80840 Mouse ne	X82539	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5430	non-erythrocyte beta spectrin	AF017112	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5431	NOV protein	X96585	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5432	SKB1Hs	AF015913	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5433	angiopoietin-like factor (CTD6)	NM_021146.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5434	activin beta-C chain	X82540	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5435	angiogenin ribonuclease RNase A family, 5 (AN	NM_001145.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5436	bone morphogenetic protein 4 precursor(RefSeq	NP_001193.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5437	bone morphogenetic protein 7 (osteogenic prote	NM_001719.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5438	bone morphogenetic protein1 (BMP1) (clone KT	L35279	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5439	CC-chemokine MCP-4	AJ001634.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5440	chemokine (C-X3-C) receptor 1 (CX3CR1)	NM_001337.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5441	chemokine receptor X(CKRX)	AF014958	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5442	chimaeric transCRipt of collagen type 1 alpha 1	Y15913	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5443	decidual protein induced by progesterone (DEP	NM_007021.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5444	developmental arteries and neural crest EGF-like	AF112152.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5445	developmental protein DG1071	AAC67538.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5446	endocrine regulator (RefSeq aa 2e-88)	NP_055160.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5447	enkephalin	K00489	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5448	fibroblast growth factor 13 (FGF13)	NM_004114.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5449	fibroblasts of periodontal ligament	AB019409	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5450	glia maturation factor beta	M86492	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5451	glia maturation factor homologous protein	AB001993.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5452	gonadotropin-releasing hormone (=X01059)	X15215.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5453	GRO3 oncogene (GRO3)	NM_002090.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5454	growth factor-responsive protein, vascular smoo	A53770	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5455	growth hormone secretagogue precursor (GHRE	AF296558.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5456	growth inhibitor p33ING1 (ING1)	AF001954	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5457	heparin cofactor II (HCF2)	M58600	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5458	heparin-binding growth factor binding protein (nc	NP_005121.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5459	insulin-like growth factor binding protein 5	U02026	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5460	insulin-like growth factor binding protein (IGFBP	X16302	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5461	interferon-induced leucine zipper protein (IFP35)	U72882.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5462	keratinocyte, normal	U33270.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5463	mast cell growth factor (Mgf)	U44725	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5464	monocyte seCRetory protein, JE (=S69738)	M28226.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5465	NB thymosin beta	D82345.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5466	neuroendoCRine seCRetory protein 55	AF105253.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5467	placental growth factor vascular endothelial grow	XM_040405.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5468	prepro insulin-like growth factor-I (IGF-I) gene, e	M59812.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5469	preproadrenomedullin, complete cds (exon 1-4)	D43639.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1



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5470	schwannomin interacting protein 1 (SCHIP-1)	NM_014575.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5471	seCRetory protein clone 1.1 (=D79993 KIAA017	U00157	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5472	thymocyte protein cThy28kD (=AF161493 HSPC	U34350	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5473	Transformation-related protein	AAA36776.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5474	transformation-sensitive protein (IEF SSP 3521)	M86752	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5475	transforming acidic coiled-coil containing protein	AF093543.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5476	transforming growth factor, alpha (TGFA)	NM_003236.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5477	transforming growth factor-beta type I receptor	AF035669	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5478	TRANSFORMING PROTEIN P21/H-RAS-1 (C-H	spP01112	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5479	TRK-fused gene (NOTE: non-standard symbol a	NM_006070.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5480	uncharacterized bone marrow protein BM028 (=	AF217505.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5481	uncharacterized bone marrow protein BM029 (B	NM_018450.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5482	uncharacterized bone marrow protein BM031	AF217508.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5483	uncharacterized bone marrow protein BM033	AF217510.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5484	uncharacterized bone marrow protein BM044	AF217520.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5485	uncharacterized hypothalamus protein HT010 (H	NM_018471.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5486	vascular endothelial growth factor C (RefSeq aa	NP_005420.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5487	vascular endothelial junction-associated molecu	AF255910.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5488	vascular Rab-GAP/TBC-containing (VRP)	XM_010826.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5489	WNT1 inducible signalling pathway protein 2 (W	NM_003881.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5490	adenylyl cyclase	AF070583.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5491	adenylyl cyclase type V (=AB007882 hypothetic	M96159	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5492	bone gamma-carboxyglutamate (gla) protein (os	X51699	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5493	motch B	X68279	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5494	NAALADase II protein	AJ012370.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5495	adenylate cyclase 7 (ADCY7) (=D25538 KIAA00	gi4557254	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5496	adenylate cyclase activating polypeptide 1 (pitu	NM_001118.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5497	ADP-ribosylation factor	L38490	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5498	ADP-ribosylation factor (hARF5)	M57567	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5499	ADP-ribosylation factor 3 (ARF3)	NM_001659.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5500	ADP-ribosylation factor binding protein (GGA1)	AF190862.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5501	ADP-ribosylation factor GTPase activating prote	BC005122.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5502	ADP-ribosylation factor-like 5 (ARL5), mRNA	NM_012097.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5503	ADP-ribosylation factor-like 6 interacting protein	XM_027365.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5504	alpha-catenin-like protein (CTNNA1)	AF030233	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5505	ARP1 (actin-related protein 1, yeast) homolog A	XM_031949.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5506	beta-arrestin 2(=ARRB2)	AF106941.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5507	Ca/calmodulin-dependent protein kinase II, delta	NM_012519.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5508	Ca2 -transporting ATPase (EC 3.6.1.38), fast sk	S24359	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5509	calcium/calmodulin-dependent protein kinase I (C	NM_003656.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5510	CALCIUM-BINDING PROTEIN E63-1=U25882(CP48593		0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5511	calcium-independent alpha-latrotoxin receptor ho	AF063102	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5512	catenin (cadherin-associated protein), beta 1 (C	NM_001904.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5513	catenin(cadherin-associated protein), delta 1 (C	NM_001331.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5514	collapsin response mediator protein CRMP-1 (=U	U17278	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5515	ECSIT (LOC51295)	NM_016581.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5516	Gi3 alpha protein	X54048.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5517	grancalcin (GCL)	NM_012198.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5518	guanyl cyclase C gene	U20230	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5519	homer-2a	AF093263	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5520	indian hedgehog protein (IHH)	L38517.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5521	max gene	X66867.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5522	NAD ADP-ribosyltransferase 3 (ADPRT3)	AF085734.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5523	nuclear receptor subfamily 2, group C, member	NM_003297.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5524	SAR1 (SAR1)	AF261717	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5525	soluble guanylate cyclase small subunit	X66533	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5526	terminal transferase	M11722.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1



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5527	TIRC7 protein (TCIRG1)	AF033033.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5528	TNF receptor-1 associated protein (TRADD)	L41690	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5529	TNF receptor-associated factor 1 (TRAF1)	NM_005658.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5530	TNF-alpha stimulated ABC protein (ABC50)	AF027302.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5531	TNF-receptor associated factor-3 (TRAF-3)	AF110908.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5532	TOK-1beta	AB040451.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5533	vitamin D3 receptor interacting protein (DRIP80)	AF105421.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5534	inner membrane protein mitochondrial (mitofilin)	gi5803114	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5535	thiamine transporter 1 (THT1)	AF160812.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5536	ABC transporter (ATM1)	AF078777.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5537	calcium activated neutral protease large subunit	X04366	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5538	calcium transport ATPase ATP2C1 (ATP2C1)	AF225981.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5539	calcium-activated potassium channel	U093833	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5540	channel-kinase 1 (CHAK1)	AF346629	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5541	chloride channel 3 (CLCN3)	X78520	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5542	chloride channel protein 4	AB019432.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5543	chloride channel regulatory protein	U17899	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5544	connexin 26 (GJB2)	M86849.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5545	Creatine transporter (SLC6A8) and (CDM) paralogs	gi1401058	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5546	dopamine responsive protein DRG-1	AF271994.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5547	familial intrahepatic cholestasis 1, (progressive, infantile)	NP_005594.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5548	gamma-aminobutyraldehyde dehydrogenase (=U34252)	U34252	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5549	gamma-aminobutyric acid (GABA) A receptor, alpha 1	NM_000809.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5550	gamma-aminobutyric acid (GABA) B receptor, 1	NM_001471.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5551	glycoprotein (transmembrane) nmb (GPNMB), m	Hs.82226	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5552	hemoglobin, alpha 1 (HBA1)	NM_000558.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5553	hemoglobin, alpha 2 (HBA2),	NM_000517.3	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5554	large conductance calcium- and voltage-dependent	U11058.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5555	L-type calcium channel beta-1 subunit (CACNL1B1)	U39412	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5556	Machado-Joseph disease (MJD)	NM_004993.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5557	membrane-bound aminopeptidase P (XNPEP2)	AF195953.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5558	minK-related peptide 3	AF076533.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5559	OCTN2	AB016625.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5560	PALS1	AF199008	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5561	potassium channel subunit (=AB037843 KIAA1429)	AF089730	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5562	potassium large conductancecalcium-activated channel	NP_002238.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5563	potassium voltage-gated channel, shaker-related	NM_003471.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5564	proton pump polypeptide	M58758	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5565	SODIUM/HYDROGEN EXCHANGER 6 (NA(+) /H(+) EXCHANGER 6)	Q92581NAH6	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5566	TRPC1 protein	X89066	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5567	VDAC1 gene porin isoform 1	AJ250039.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5568	voltage-gated potassium channel KCNQ5 (KCNQ5)	AF263835.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5569	cell surface glycoprotein P1H12 precursor	AF089868.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5570	killer cell lectin-like receptor subfamily B, member 1	NM_002258.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5571	METAXIN	spQ13505	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5572	beta 2	X02344	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5573	beta4-integrin (ITGB4) (low match)	U66534	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5574	cadherin 5, VE-cadherin (vascular epithelium) (CDH5)	NM_001795.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5575	cadherin-15	D83542	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5576	cerebral cell adhesion molecule (=AB011156 KIAA1429)	AF177203.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5577	c-type lectin DCL1 (ORF)	AF121352	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5578	cysLT1 LTD4 receptor (CYSLT1)	AF119711.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5579	desmoplakin (DPI, DPII) (RefSeq aa 1e-88)	NP_004406.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5580	flotillin 1 (FLOT1)	NM_005803.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5581	focal adhesion kinase (FAK)	L13616.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5582	fucosyltransferase 8 (alpha (1,6)fucosyltransferase 8)	NP_004471.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5583	GPI transamidase	AF022913	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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5584	hGAA1	AB006969	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5585	ICHIT protein (52/53)	AJ010903.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5586	insulin-like growth factor binding protein 4 (IGFB	M62403.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5587	integrin alpha 6	X53586	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5588	integrin associated protein	Z25524.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5589	integrin beta 3 binding protein (beta3-endonexin)	NM_014288.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5590	INTEGRIN BETA-8 PRECURSOR	spP26012	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5591	integrin, alpha 5 (fibronectin receptor, alpha poly	NM_002205.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5592	junctional adhesion molecule 3 (JAM3)	XM_053514.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5593	N-cadherin mRNA, complete cds	M34064.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5594	nel (chicken)-like 2 (NELL2)	NM_006159.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5595	neural cell adhesion molecule	X07200.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5596	neural F box protein NFB42	AF098301	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5597	ninjurin 2 (NINJ2)	NM_016533.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5598	novel protein AHNK mRNA, partial sequence	M80899.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5599	p55-related MAGUK protein DLG3 (dlg3)	AF124435.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5600	PCDH-psi3 pseudogene	AF152529.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5601	PNGase	AF250924.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5602	polycystic kidney disease 1 (autosomal dominant	NM_000296.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5603	Semaphorin A (V)(SEMA5)	NM_004636.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5604	semaphorin V	U28369	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5605	syntaxin 5	U26648	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5606	syntaxin4-interacting protein synip (ORF)	AF152924	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5607	SYT	X79201	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5608	thrombomodulin, endothelial cell	M16552	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5609	TRAF interacting protein (TRIP)	NM_005879.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5610	TRAF5	AB000509.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5611	TRAF-interacting protein I-TRAF	U59863.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5612	triple functional domain (PTPRF interacting) (TRI	NM_007118.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5613	Tspan-3	AF054840	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5614	Nop10p	NM_018648.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5615	chromodomain helicase DNA binding protein 3 (	NM_001272.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5616	chromosomal protein HMG1 related gene	D14718	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5617	chromosome-specific mRNA	L23207.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5618	cisplatin resistance associated (CRA)	NM_006697.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5619	H1 histone (H1F0)	NM_005318.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5620	H2A histone family, member Y (H2AFY)(= histon	NM_004893.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5621	H2B histone family, member Q (H2BFQ)	NM_003528.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5622	heterochromatin protein homologue (HP1)	L07515.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5623	heterochromatin protein p25	U35451	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5624	high mobility group 1 protein	L13804	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5625	high mobility group 1-like protein L6 (HMG1L6) r	AF076678.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5626	high mobility group box (SSRP1)	M86737	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5627	high mobility group HMGIC/NFIB fusion protein (	AF022215	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5628	high mobility group-box containing protein 1 (HB	NM_012257.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5629	highly charged protein (D13S106E) (=X59131)	gi5031648	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5630	high-mobility group (nonhistone chromosomal) p	XM_028234.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5631	high-mobility group phosphoprotein (HMG1-C)	L41044	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5632	high-mobility group phosphoprotein isoform I-C (	U28754.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5633	histone acetylase complex subunit (SPT3)	AF073930.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5634	histone H2A.X.	X14850	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5635	hp1-gamma+D2192 Heterochromatin protein 1 g	AB030905	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5636	importin beta subunit	L38951.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5637	Nap1 protein (=AB011159 hypothetical protein (H	D84346	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5638	non-histone chromosomal protein (NHC)	U90549.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5639	nonhistone protein HMG1	M21683	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5640	nucleosome assembly protein 2	U77456	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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5641	PDNA sequence AC clone 219d7,	AF225899	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5642	pericentriolar material 1 (PCM1), mRNA /cds=(4	Hs.75737	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5643	RecQ4 DNA helicase	AB006532	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5644	RPA interacting protein alpha (44% ORF)	CAB45690.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5645	RTS gene	AF305057.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5646	RuvB (E coli homolog)-like 2(RUVBL2) (=erythro	NM_006666.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5647	telomeric repeat binding factor 2 (TERF2)	NM_005652.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5648	TERF1 (TRF1)-interacting nuclear factor 2 (TINF	XM_033252.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5649	TRF2-interacting telomeric RAP1 protein (RAP1	AF262988.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5650	34 kDa Mov34 homolog	U70735	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5651	BTG family, member 3 (BTG3)	5802989	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5652	cdk inhibitor p27KIP1	AY004255.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5653	MD-2 protein (MD-2)	NM_015364.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5654	M-phase phosphoprotein 4 (MMP4)	NM_012218.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5655	OM-1	X67534	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5656	200 kD protein	X80169	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5657	5-azacytidine induced gene 2 (Azi2)	NM_013727.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5658	BM-006	AF208848	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5659	BM-008	AF208850	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5660	BM-017 (=ALEX3)	AF208859.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5661	BM022 mRNA	AF212225.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5662	CDC23 (cell division cycle 23, yeast, homolog)	(NM_004661.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5663	CDC37 homologue	U43077	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5664	Cdc7 (CDC7)	AF015592.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5665	cdk-inhibitor p57/KIP2 (CDKN1C) (=U22398)	U48869	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5666	cell cycle gene RCC1	X12654.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5667	clk1	L29219	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5668	cycA gene for cyclin A	X68303.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5669	cyclin B	M25753	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5670	cyclin C (CCNC)	NM_005190.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5671	cyclin G1 interacting protein	U61837	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5672	cyclin H (CCNH) mRNA	NM_001239.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5673	cyclin K (RefSeq aa 5e-62)	NP_003849.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5674	cyclin T1 (RefSeq aa 7e-75)	NP_001231.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5675	cyclin T2 (CCNT2)	NM_001241.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5676	Cyclin-dependent kinase (CDC2-like) 10 (CDK1)	(NM_003674.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5677	CYCLIN-DEPENDENT KINASES REGULATOR	spP33551	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5678	D-type cyclin-interacting protein 1 (DIP1)	AF082569	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5679	enhancer of zeste (Drosophila) homolog 2 (EZH	NM_004456.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5680	Fanconi anemia, complementation group G (FAI	NM_004629.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5681	GANP protein (=KIAA0572 protein )	AJ010089.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5682	geminin	AF067855.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5683	GTP binding protein similar to S. cerevisiae HBS	NM_006620.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5684	GTP-binding protein	Z49068	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5685	GTP-binding protein (RAB4)	M28211	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5686	GTP-binding protein (rhoB)	AF098515	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5687	GTP-binding protein (rhoC) (=X05026;L09159)	L25080	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5688	GTP-binding protein alpha q subunit (GNAQ) m	U40038.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5689	GTP-binding protein NGB	AF120334	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5690	GTP-binding protein rah	AF058807	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5691	HARP (HARP) gene	AF210835.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5692	HsGAK	D88435	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5693	Iodestar protein	AF080255.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5694	Mig-6=mitogen-inducible gene mig-6 product	gi1037127	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5695	minichromosome maintenance deficient (mis5, S	NM_005915.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5696	Miz-1 protein	Y09723	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5697	myeloid differentiation primary response protein	U70451	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1

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5698	NIMA (never in mitosis gene a)-related kinase 6	NM_014397.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5699	nucleolar protein p40	AAB46731.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5700	nucleolin (NCL) (=FLJ20214 fis)	NM_005381.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5701	p85Mcm (=D55716 P1cdc47; D28480 hMCM2)	X74796	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5702	PRAD1 cyclin	X59798	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5703	Pseudoautosomal GTP-binding protein-like (PGI)	NM_012227.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5704	RhoE=26 kda GTPase homolog	S82240	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5705	topoisomerase II alpha-4 (AF285159)	AAG13405.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5706	Fas-associated factor, FAF1 (Faf1 gene)	AJ271408.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5707	neuronal thread protein AD7c-NTP	NP_055301.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5708	neutral sphingomyelinase (N-SMase) activation	gi4505464	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5709	Newcastle disease virus inducible protein	U25276	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5710	APG5 (autophagy 5, S.cerevisiae)-like (APG5L)	NM_004849.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5711	apoptosis inhibitor 1 (API1)	NM_001166.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5712	apoptosis inhibitor survivin gene, complete cds	U75285.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5713	apoptosis related protein APR-3	AF144055.2	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5714	apoptosis-associated nuclear protein (PHLDA1)	AF239986.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5715	Baculoviral IAP repeat-containing 3 (BIRC3)(=inl	NM_001165.2	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5716	Bcl-2-binding protein (BAG-1)	AF022224	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5717	bridging integrator protein-1 (BIN1) gene	U84000.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5718	caspase 3, apoptosis-related cysteine protease	NM_004346.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5719	caspase 6, apoptosis-related cysteine protease	XP_003600.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5720	cell death suppressor (WA1) (=AF049672)	AF000267	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5721	cell recognition molecule Caspr2 (=AB020675 K	AF193613	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5722	death-associated protein kinase 1 (DAPK1)	NM_004938.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5723	DRAK1	AB011420	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5724	dual specificity phosphatase 6, clone MGC:3789	BC003143.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5725	DUSP6 (=X93920 protein-tyrosine-phosphatase	AB013382.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5726	ES18	AF083930	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5727	Fas-apoptosis inhibitory molecule (Faim)	AF130367.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5728	neuronal apoptosis inhibitory protein 6 (Naip6);	AF242431.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5729	neuronal cell death-related protein (LOC51616),	NM_015975.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5730	neurotrophin-3 (NT-3)	M37763	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5731	programmed cell death 5(PDCD5),(= TFAR1)	NM_004708.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5732	programmed cell death 9 (PDCD9) (ORF)	AF146192	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5733	RIP protein kinase	U50062.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5734	seCReted apoptosis related protein 1 (Sarp1)	AF017989	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5735	Siva-2 (ORF)	AF033111	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5736	Kin17 protein	AJ005273.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5737	MSSP	D82352	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5738	ATP-DEPENDENT DNA HELICASE II, 80 KDA	spP13010	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5739	DNA fragmentation factor, 45 kD, alpha polypep	NM_004401.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5740	DNA polymerase delta	M81735	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5741	DNA replication licensing factor (huMCM2) (=D2	D83987	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5742	DNA-DIRECTED RNA POLYMERASE II 19 KDa	spP52433	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5743	DNA-DIRECTED RNA POLYMERASES I, II, AN	spP53803	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5744	gene encoding splicing factor SF1	AJ000052.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5745	line-1 reverse transcriptase	AAC51337.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5746	meiotic recombination (S. cerevisiae)11 homolog	NP_005582.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5747	meiotic recombination protein REC14	AAG31639.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5748	origin recognition complex protein 2 homologue	U27459	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5749	origin recognition complex subunit 4 (ORC4L) (=	AF047598	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5750	origin recognition complex subunit LATHEO (LA	AF093535.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5751	origin recognition complex, subunit 3(yeast hom	NP_036513.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5752	polymerase (RNA) II (DNA directed) polypeptide	NM_000937.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5753	polymerase (RNA) II (DNA directed) polypeptide	NM_002694.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5754	polymerase (RNA) II (DNA directed) polypeptide	NM_002695.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1

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5755	polymerase (RNA) II (DNA directed) polypeptide	NM_006233.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5756	polymerase (RNA) III (DNA directed) (39kD) (RP	NM_006466.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5757	polymerase II subunit hsRPB4	U89387	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5758	primase, polypeptide 1(49kD) (PRIM1)(= (subun	NM_000946.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5759	replication factor C, 40-kDa subunit (A1) (=AF04	M87338	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5760	reverse transcriptase (non-exact)	AAB02291.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5761	BAF60b	AF068245	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5762	binding protein(SRM300)(= HSPC075)(= splicing	NM_016333.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5763	budding uninhibited by benzimidazoles 1 (yeast	NM_001211.2	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5764	anaphase-promoting complex subunit 7 (APC7)	AF191340.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5765	BCL2-associated athanogene 2 (BAG2)	NM_004282.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5766	CDEI binding protein	Z22572.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5767	cell division protein (=AJ005892 JM23 protein)	AF063015	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5768	cytosolic adenylate kinase (AK1)	J04809	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5769	D9 splice variant A	U95006	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5770	disabled (Drosophila) homolog 1 (DAB1)	NM_021080.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5771	discs, large (Drosophila) homolog 1 (DLG1)	gi4758161	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5772	D-prohibitin	AF178980	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5773	hERV1	U31176	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5774	hevin like protein =high endothelial venule (ORF	X82157	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5775	Murr2 (=AB018272 KIAA0729)	D85434	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5776	Notch2	D32210.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5777	progesterone induced protein (RefSeq aa 6e-32)	NP_056986.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5778	prohibitin (PHB)	NM_002634.2	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5779	proliferating cell nuclear antigen (PCNA), mRNA	Hs.78996	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5780	proliferation potential-related protein	AF352051.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5781	proto-oncogene (Wnt-5a)	L20861.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5782	RFG	X77548.1	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5783	SEPTIN 6 type II (SEPTIN6) mRNA, complete c	AF403059.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5784	tumor endothelial marker 7 precursor (aa 3e-13)	NP_065138.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5785	tumor necrosis factor receptor 2 (TNFR2)	U52165	0	0.00%	0	0.00%	1	0.01%	0	0.00%	1
5786	tumor necrosis factor type 1 receptor associated	NM_016292.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5787	tumor necrosis factor type 2 receptor associated	U12597.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5788	tumor necrosis factor(ligand) superfamily, memb	NM_003809.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5789	tumor necrosis factor, alpha-induced protein 1 (e	NM_021137.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5790	tumor necrosis factor, alpha-induced protein 3 (T	NM_006290.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5791	tumor protein D52-like 2 (TPD52L2)	NM_003288.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5792	tumor protein p53-binding protein, 2 (TP53BP2)	NM_005426.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5793	tumor suppressing subtransferable candidate 1 (	NM_003310.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5794	tumor susceptibility gene 101 (RefSeq aa 2e-61)	NP_006283.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5795	raf oncogene	X03484	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5796	mitochondrial precursor receptor (=D13641 Hum	D63411	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5797	mannan-binding lectin-associated serine proteas	X98400.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5798	T cell-activating protein (HRF20)	M27909	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5799	ragB protein	X90530	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5800	mitochondrial F1Fo-ATPase synthase f subunit	AF047436	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5801	actinin, alpha 4 (H. sapiens) (LOC126227)	XM_059002.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5802	SH3 domain binding glutamic acid-rich protein (S	XM_049754.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5803	fetal liver cDNA library Homo sapiens cDNA	A1174701.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5804	FSHD region gene 1 (RefSeq aa 7e-36)	NP_004468.1	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1
5805	glycoprotein (transmembrane) nmb (GNMB), m	Hs#S1731822	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1
5806	apurinic/aprimidinic endonuclease(APEX nucle	NM_014481.1	1	0.01%	0	0.00%	0	0.00%	0	0.00%	1
5807	glutamine-fructose-6-phosphate transaminase 1	NM_002056.1	0	0.00%	0	0.00%	0	0.00%	1	0.01%	1

## 1. alpha gene sequence (=HSP90) AF203815.1 1560

ncrc6517	ncrc5859	MIOA1269	MIOA3021a	MIOA5069a	mioa7731a	mioa9659n	miob1344	miob3091
ncrc6624	ncrc6408	MIOA1347a	MIOA3028a	MIOA5105a	mioa7856	mioa9668	miob1376	miob3097
ncrc5747	ncrc6727	MIOA1381a	MIOA3039a	MIOA5118a	MIOA7988a	mioa9688	miob1454	miob3125
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ncrc7150	ncrc6971	MIOA1407a	MIOA3166a	MIOA5449a	MIOA8022a	mioa9758	MIOB1498	miob3190
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ncrc7164	ncrc6886	MIOA1419	MIOA3372a	MIOA5562a	MIOA8057a	mioa9852	MIOB1554	miob3201
ncrc7111	CR0444	MIOA1422	MIOA3422a	MIOA5644a	MIOA8100	mioa9869	MIOB1565	miob3202
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ncrc2277	fcrb2577	MIOA1583	MIOA3465a	mioa5711n	MIOA8237	mioa9899	miob1875	miob3228
ncrc2551	hfcr0495	MIOA1611a	MIOA3522a	MIOA5759a	MIOA8469	mioa9900	miob1881	miob3263
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ncrc4427	hfcr5772	MIOA1741	MIOA3690a	MIOA5875a	MIOA8620	mioa9980	miob1958	miob3392
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ncrc4417	MIOA0047a	MIOA2078	MIOA3922a	MIOA6014a	MIOA8834	miob0220	miob2365	miob3459
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ncrc5118	MIOA0186	MIOA2120	MIOA4006a	MIOA6062	MIOA8882	miob0235	miob2434	miob3469
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ncrc5111	MIOA0199a	MIOA2206a	MIOA4105	MIOA6098a	MIOA8901	miob0357	MIOB2570	miob3558
ncrc4913	MIOA0208a	MIOA2212a	MIOA4227	MIOA6157a	MIOA8911	miob0365	MIOB2585	miob3627
ncrc4927	MIOA0226a	MIOA2233a	MIOA4239	MIOA6166a	MIOA8940	miob0581	MIOB2605	miob3687
ncrc4268	MIOA0254a	MIOA2258a	MIOA4243	MIOA6167a	MIOA8941	miob0627	MIOB2611	miob3692
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ncrc4774	MIOA0290	MIOA2411a	MIOA4315a	MIOA6402a	MIOA8974	miob0721	MIOB2675	miob3765
ncrc4276	MIOA0292	MIOA2433a	MIOA4337a	MIOA6459a	MIOA8991	miob0742	MIOB2692	miob3777
ncrc5278	MIOA0298n	MIOA2518a	MIOA4347a	MIOA6466a	MIOA8995	miob0751	MIOB2698	miob3844
ncrc4784	MIOA0416a	MIOA2524a	MIOA4420	MIOA6478a	MIOA8996	miob0759	MIOB2717	miob3870
ncrc5236	MIOA0418a	MIOA2529a	MIOA4423	MIOA6533a	MIOA9001	miob0805	MIOB2720	miob3914
ncrc4769	MIOA0505n	MIOA2590a	MIOA4425	MIOA6712a	MIOA9027	miob0814	MIOB2727	miob3930
ncrc4730	MIOA0522	MIOA2591a	MIOA4527a	MIOA6749a	MIOA9049	miob0830	MIOB2728	miob3964
ncrc5406	mioa0568	MIOA2602a	MIOA4541a	MIOA6759a	MIOA9114	miob0843	MIOB2787	miob3966
ncrc5497	mioa0709m	MIOA2613a	MIOA4599a	MIOA6775a	MIOA9174	miob0848n	MIOB2808	miob3987
ncrc5480	MIOA0710	MIOA2617a	MIOA4620a	MIOA6777a	mioa9232	miob0869	MIOB2849	miob3988
ncrc5319	MIOA0725	mioa2638m	MIOA4660a	MIOA6802a	mioa9238	miob0889	MIOB2867	miob4012
ncrc5612	MIOA0746	MIOA2689a	MIOA4675	MIOA6844a	mioa9292	miob1014	miob2886	miob4029
ncrc5305	MIOA0827	MIOA2770a	MIOA4703	MIOA6877a	mioa9302	miob1034	miob2898	miob4045
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ncrc5945	MIOA0888a	MIOA2823a	MIOA4781a	MIOA7111a	mioa9322	miob1089	miob2929	miob4066
ncrc5969	MIOA0956	MIOA2826a	MIOA4815a	MIOA7138a	mioa9342	miob1090	miob2931	miob4098
ncrc5968	MIOA0975n	MIOA2874a	MIOA4828a	MIOA7182a	mioa9415	miob1092	miob2945	miob4128
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ncrc6400	MIOA1229	MIOA2931a	MIOA5012a	MIOA7430a	mioa9597	miob1226	miob3051	miob4185
ncrc5893	MIOA1262n	MIOA2944a	MIOA5024a	MIOA7437a	mioa9621	miob1304	miob3064	miob4206
ncrc6269	MIOA1268	MIOA2959a	MIOA5042a	MIOA7539a	mioa9622	miob1312	miob3073	miob4212

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 2 of 312

miob4214	miob5116	miob6538	ncr1851	ncr4537	ncr6260	ncr9214	ncrb1759	ncrb6509
miob4226	miob5451	miob6573	ncr1889	ncr4580	ncr6306	ncr9282	ncrb1886	ncrb6540
miob4231	miob5458	miob6590	ncr1892	ncr4598	ncr6383	ncr9332	ncrb1887	ncrb6565
miob4257	miob5459	miob6621	ncr1951	ncr4600	ncr6385	ncr9361	ncrb1893	ncrb6593
miob4265	miob5460	miob6623	ncr2054	ncr4609	ncr6398	ncr9393	ncrb1913	ncrb6735
miob4295	miob5464	miob6699	ncr2283	ncr4619	ncr6402	ncr9458	ncrb1924	ncrb6741
miob4296	miob5469	miob6720	ncr2294	ncr4655	ncr6588	ncr9480	ncrb2072	ncrb6809
miob4303	miob5615	miob6785	ncr2478	ncr4682	ncr6608	ncr9485	ncrb2096	ncrb6840
miob4323	miob5622	miob6798	ncr2483	ncr4702	ncr6659	ncr9498	ncrb2189	ncrb6848
miob4342	miob5640	miob6806	ncr2503	ncr4742	ncr6664	ncr9500	ncrb2204	ncrb6859
miob4365	miob5673	miob6807	ncr2584	ncr4770	ncr6694	ncr9511	ncrb2336	ncrb6864
miob4371	miob5710	miob6826	ncr2596	ncr4789	ncr6917	ncr9519	ncrb2480	ncrb6892
miob4404	miob5719	miob6838	ncr2620	ncr4856	ncr6958	ncr9527	ncrb2492	ncrb6899
miob4410	miob5725	miob6854	ncr2642	ncr4864	ncr7056	ncr9537	ncrb2568	ncrb7061
miob4434	miob5729	miob6886	ncr2643	ncr4883	ncr7074	ncr9557	ncrb2601	ncrb7106
miob4443	miob5743	miob6894	ncr2829	ncr4916	ncr7159	ncr9564	ncrb2677	ncrb7159
miob4447	miob5750	miob6907	ncr2855	ncr4917	ncr7234	ncr9580	ncrb2796	ncrb7180
miob4467	miob5757	miob6909	ncr2955	ncr4920	ncr7254	ncr9598	ncrb2800	ncrb7208
miob4492	miob5782	miob6916	ncr3000	ncr4930	ncr7263	ncr9621	ncrb2817	ncrb7241
miob4506	miob5801	miob6917	ncr3085	ncr4944	ncr7276	ncr9695	ncrb3054	ncrb7242
miob4507	miob5817	miob6920	ncr3103	ncr4953	ncr7289	ncr9713	ncrb3143	ncrb7248
miob4511	miob5850	miob6934	ncr3158	ncr4999	ncr7334	ncr9723	ncrb3152	ncrb7351
miob4520	miob5851	miob6938	ncr3220	ncr5113	ncr7352	ncr9725	ncrb3165	ncrb7379
miob4521	miob5896	ncr0023	ncr3223	ncr5127	ncr7389	ncr9746	ncrb3302	ncrb7396
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miob4622	miob5906	ncr0198	ncr3322	ncr5157	ncr7392	ncr9765	ncrb3604	ncrb7450
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miob4633	miob5911	ncr0209	ncr3350	ncr5179	ncr7485	ncrb0048	ncrb3848	ncrb7536
miob4644	miob5928	ncr0215	ncr3375	ncr5227	ncr7486	ncrb0104	ncrb3861	ncrb7647
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miob4659	miob5942	ncr0312	ncr3477	ncr5323	ncr7513	ncrb0186	ncrb4204	ncrb7728
miob4671	miob5951	ncr0331	ncr3490	ncr5338	ncr7564	ncrb0212	ncrb4207	ncrb7737
miob4685	miob5955	ncr0333	ncr3589	ncr5436	ncr7643	ncrb0305	ncrb4253	ncrb7770
miob4699	miob5974	ncr0338	ncr3631	ncr5444	ncr7705	ncrb0308	ncrb4525	ncrb7801
miob4709	miob5976	ncr0392	ncr3697	ncr5446	ncr7711	ncrb0324	ncrb4675	ncrb7987
miob4740	miob5982	ncr0404	ncr3745	ncr5536	ncr7724	ncrb0656	ncrb4708	ncrb8025
miob4753	miob5985	ncr0427	ncr3767	ncr5543	ncr7731	ncrb0660	ncrb4836	ncrb8047
miob4759	miob5986	ncr0442	ncr3824	ncr5558	ncr7816	ncrb0706	ncrb4945	ncrb8097
miob4762	miob5988	ncr0500	ncr3847	ncr5573	ncr7909	ncrb0716	ncrb4958	ncrb8190
miob4772	miob5992	ncr0522	ncr3900	ncr5597	ncr7912	ncrb0759	ncrb4981	ncrb8223
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miob4780	miob6004	ncr0656	ncr3941	ncr5631	ncr8058	ncrb1123	ncrb5189	ncrb8410
miob4801	miob6009	ncr0739	ncr3987	ncr5695	ncr8216	ncrb1235	ncrb5251	ncrb8439
miob4891	miob6035	ncr0914	ncr3995	ncr5714	ncr8292	ncrb1245	ncrb5275	ncrb8563
miob4893	miob6091	ncr0928	ncr4010	ncr5750	ncr8346	ncrb1255	ncrb5428	ncrb8565
miob4924	miob6104	ncr0931	ncr4039	ncr5753	ncr8560	ncrb1300	ncrb5551	ncrb8611
miob4938	miob6109	ncr0948	ncr4069	ncr5787	ncr8602	ncrb1348	ncrb5603	ncrb8655
miob4954	miob6134	ncr0963	ncr4083	ncr5793	ncr8630	ncrb1394	ncrb5642	ncrb8785
miob4959	miob6146	ncr0968	ncr4092	ncr5797	ncr8647	ncrb1429	ncrb5673	ncrc0035
miob4983	miob6170	ncr1032	ncr4109	ncr5808	ncr8708	ncrb1432	ncrb5791	ncrc0159
miob4987	miob6247	ncr1217	ncr4217	ncr5854	ncr8730	ncrb1487	ncrb5812	ncrc0236
miob4988	miob6248	ncr1251	ncr4347	ncr5915	ncr8793	ncrb1506	ncrb5921	ncrc0243
miob5014	miob6259	ncr1274	ncr4363	ncr5969	ncr8844	ncrb1530	ncrb5947	ncrc0253
miob5026	miob6305	ncr1323	ncr4365	ncr6013	ncr8919	ncrb1533	ncrb5983	ncrc0261
miob5048	miob6344	ncr1376	ncr4367	ncr6023	ncr8961	ncrb1600	ncrb5994	ncrc0263
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miob5067	miob6426	ncr1622	ncr4388	ncr6152	ncr9070	ncrb1697	ncrb6259	ncrc0318
miob5072	miob6475	ncr1719	ncr4400	ncr6226	ncr9079	ncrb1698	ncrb6330	ncrc0351
miob5110	miob6505	ncr1817	ncr4404	ncr6235	ncr9082	ncrb1756	ncrb6501	ncrc0367



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ncrc0391	ncrc3334	SEOA1096a	SEOA4142a	SEOA7514a	SEOB0895a	SEOB3582	seob5262	seob6864
ncrc0399	ncrc3454	SEOA1140a	SEOA4183a	SEOA7585a	SEOB0973	SEOB3587	seob5274	seob6898
ncrc0446	ncrc3505	SEOA1164A	SEOA4218a	seoa7967	SEOB1020	seob3658	seob5282	seob6899
ncrc0456	ncrc3772	SEOA1196A	SEOA4335a	SEOA8308a	SEOB1034	seob3683	seob5295	seob6904
ncrc0521	ncrc3873	SEOA1252A	SEOA4348a	SEOA8430	seob1036	seob3711	seob5300	seob7036
ncrc0550	ncrc4014	SEOA1311a	SEOA4355a	SEOA8454	SEOB1094	seob3714	seob5312	seob7040
ncrc0561	ncrc4020	SEOA1459a	seoa4367an	SEOA8455	SEOB1099	seob3719	seob5322	seob7058
ncrc0595	ncrc4381	SEOA1488	SEOA4481	SEOA8508	SEOB1109	seob3729	seob5325	seob7079
ncrc0670	ncrc4670	SEOA1510	SEOA4516	SEOA8611	SEOB1112	seob3843	seob5343	seob7152
ncrc0763	ncrc5067	SEOA1528	SEOA4559	SEOA8720	SEOB1137	seob3857	seob5369	seob7193
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ncrc0951	ncrc6356	SEOA1713a	SEOA4619a	SEOA8767	SEOB1289	seob3913	seob5462	seob7335
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ncrc1020	ncrc7195	SEOA1876a	SEOA4695a	SEOA8797	SEOB1450	seob3933	seob5527	seob7382
ncrc1024	ncrc8965	SEOA1911n	SEOA5052a	SEOA8831	SEOB1600	seob3946	seob5563	seob7388
ncrc1092	ncrc8977	SEOA1953	SEOA5111a	SEOA8859	SEOB1706	seob3976	seob5566	seob7400
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ncrc1208	ncrc9005	SEOA2150	SEOA5329a	SEOA8917	SEOB1741	seob4009	seob5597	seob7449
ncrc1211	ncrc9009	SEOA2159n	SEOA5389	SEOA8926	SEOB1794	seob4028	seob5638	seob7539
ncrc1285	ncrc9105	SEOA2176	SEOA5462	SEOA8974	SEOB1831	seob4042	seob5735	seob7593
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ncrc1330	ncrc9179	SEOA2257a	SEOA5517a	SEOA9096	SEOB1937	seob4066	seob5758	seob7642
ncrc1508	ncrc9205	SEOA2290a	SEOA5531a	SEOA9162	SEOB2026	seob4078	seob5781	seob7646
ncrc1582	ncrc9218	SEOA2304a	SEOA5663a	SEOA9267	SEOB2112	seob4104	seob5828	seob7651
ncrc1632	ncrc9233	SEOA2333a	SEOA5729a	SEOA9336	SEOB2187	seob4141	seob5853	seob7659
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ncrc1845	ncrc9403	seoa2510m	SEOA5752a	SEOA9547	SEOB2267	seob4190	seob5878	seob7679
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ncrc2639	ncrc9903	SEOA3195	SEOA6431	SEOB0102	SEOB2817	seob4702	seob6234	seob8048
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ncrc2905	SEOA0194A	SEOA3608a	SEOA6688a	SEOB0461	SEOB3079	seob4829	seob6409	seob8191
ncrc3052	SEOA0372	SEOA3691a	SEOA6911	SEOB0553	SEOB3108	seob4888	seob6411	seob8192
ncrc3066	SEOA0453	SEOA3712a	seoa6956	SEOB0561	SEOB3157	seob4929	seob6465	seob8202
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## 2. mitochondrial genome (consensus sequence) X62996 778

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ncrc6551	BFCS0368	FCR4610	MIOA0373a	MIOA2186a	MIOA4211	MIOA6892a	mioa9860	miob7027
ncrc7194	BFCW0235	FCR4637	MIOA0393a	MIOA2191a	MIOA4383a	MIOA6980a	mioa9875	ncr0534
ncrc7143	BFCW0406	FCR4693	MIOA0420a	MIOA2243a	MIOA4406	MIOA7022a	mioa9882	ncr1016
ncrc7167	CR0025	FCR4729	MIOA0468	MIOA2257a	MIOA4418	MIOA7034a	miob0046	ncr1025
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ncrc5468	FCR1910	hfc0842	MIOA1372a	MIOA3340a	MIOA6127a	MIOA8746	miob6297	ncrb0057
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Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 5 of 312

ncrb2261	ncrb8791	ncrc7010	SEOA0989	SEOA3126a	SEOA4854a	SEOA7183a	SEOB0090	seob5121
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ncrb2838	ncrc1839	ncrc9172	SEOA1339n	SEOA3509a	SEOA5573a	SEOA7488a	SEOB1314	seob5678
ncrb2862	ncrc1924	ncrc9182	SEOA1423a	SEOA3530a	SEOA5587a	SEOA7550a	SEOB1401	seob5823
ncrb3663	ncrc2160	ncrc9308	SEOA1475	SEOA3535a	SEOA5659a	SEOA7586a	SEOB1547	seob5834
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### 3. fibronectin (FN)X02761.1 643

ncrc3404	MIOA1122	MIOA3250a	MIOA5623a	MIOA7224a	MIOA9032	miob1103	miob3770	miob6596
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FCR6007	MIOA1959a	MIOA3900a	MIOA6085a	MIOA7543a	mioa9771	miob1824	miob4516	ncr1668
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hfcf9913	MIOA2462a	MIOA4851a	MIOA6672a	MIOA8466	miob0502	MIOB2673	miob5819	ncr7244
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mioa1042m	MIOA3244a	MIOA5581a	MIOA7192a	MIOA9012	miob1065	miob3652	miob6565	ncrb2341

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 6 of 312

ncrb2581	SEOA0859	SEOA3468a	SEOA5970a	seoa7985	SEOB0057	seob2593	seob5158	seob7873
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ncrb3086	SEOA0924	SEOA3513a	SEOA6089a	seoa8059	SEOB0213	SEOB2690	seob5340	seob8250
ncrb3384	SEOA0929n	SEOA3616a	SEOA6097a	seoa8078	SEOB0233	SEOB2808	seob5374	seob8284
ncrb3799	SEOA1001	SEOA3722a	SEOA6101a	seoa8141	SEOB0255	SEOB2989	seob5393	seob8317
ncrb4570	SEOA1013n	SEOA3765a	SEOA6252	seoa8160	SEOB0260	SEOB3042	seob5444	SOA0046
ncrb4943	SEOA1057a	seoa3899n	SEOA6330	SEOA8201a	SEOB0273	SEOB3099	seob5534	SOA0064
ncrb5396	SEOA1113a	SEOA4086	SEOA6381	SEOA8233	SEOB0357	SEOB3134	seob5613	SOA0107
ncrb5681	SEOA1131a	SEOA4094	SEOA6468a	SEOA8248	SEOB0381	SEOB3206	seob5653	SOA0117
ncrb5883	SEOA1139a	SEOA4095	SEOA6548a	SEOA8258	SEOB0485	SEOB3227	seob5666	SOA0138
ncrb5949	SEOA1328	SEOA4208a	SEOA6561a	SEOA8369a	SEOB0520	seob3267n	seob5695	SOA0147
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## 4. decorin (DCN) NM\_001920.1 574

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ncrc2494	ncrc6289	FCR6725	MIOA0284	MIOA0844a	MIOA1223m	MIOA1983a	MIOA2465a	MIOA3545a
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ncrc4690	FCR3727	hfcr0299	MIOA0742	MIOA1029	MIOA1487	MIOA2113	MIOA3096a	MIOA3711a
ncrc4695	FCR4086	hfcr6553	MIOA0773	MIOA1083	MIOA1540	MIOA2217a	MIOA3233a	MIOA3716a
ncrc5323	FCR5247	MIOA0057a	MIOA0808	mioa1111m	MIOA1575	MIOA2358a	MIOA3419a	MIOA3763

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 7 of 312

MIOA3777	MIOA7318	miob1299	miob6068	ncr7250	ncrb6121	ncrc9201	SEOA5539a	SEOB3403
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MIOA3850	MIOA7456a	MIOB1504	miob6345	ncr7568	ncrb6574	ncrc9548	SEOA5885	SEOB3441
MIOA3866	MIOA7487a	miob1537n	miob6362	ncr7936	ncrb6736	ncrc9694	SEOA5957	SEOB3470
MIOA4012a	MIOA7632a	miob1834	miob6366	ncr8005	ncrb6737	ncrc9763	SEOA6023a	SEOB3511
MIOA4033a	mioa7758a	miob1840	miob6540	ncr8083	ncrb6763	ncrc9865	SEOA6067a	seob3603
MIOA4055a	mioa7767a	miob1916	miob6620	ncr8287	ncrb6768	SEOA0448	SEOA6391	seob3738
MIOA4073a	mioa7861	miob1920	miob6657	ncr8392	ncrb6825	SEOA0458n	SEOA6531a	seob4021
MIOA4174	mioa7869	miob1959	miob6801	ncr8519	ncrb6938	SEOA0547A	seoa6803	seob4049
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MIOA4536a	MIOA9005	miob3146	ncr1532	ncr9850	ncrc0354	SEOA1696a	SEOA8220	seob4742
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MIOA4581a	mioa9291	miob3326	ncr1763	ncrb0216	ncrc0563	SEOA1891	SEOA8601	seob5176
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MIOA4624a	mioa9365	miob3389	ncr1792	ncrb0316	ncrc0785	SEOA1988a	SEOA9068	seob5328
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MIOA5181a	mioa9847	miob3820	ncr3502	ncrb1617	ncrc1363	SEOA2289a	SEOB0374	seob6175
MIOA5218a	mioa9890	miob3824	ncr3658	ncrb1986	ncrc1415	SEOA2522	SEOB0434	seob6213
MIOA5371a	mioa9905	miob3854	ncr3720	ncrb2115	ncrc1628	SEOA2568	SEOB0437	seob6405
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MIOA5545a	miob0019n	miob4043	ncr4051	ncrb2362	ncrc2119	SEOA3288	SEOB0657a	seob6756
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MIOA6134a	MIOB0556	miob4430	ncr5630	ncrb4539	ncrc3083	SEOA4078	SEOB1826	seob8209
MIOA6314a	miob0678	miob4456	ncr5861	ncrb4756	ncrc3782	SEOA4201a	SEOB1902	seob8225
MIOA6521a	miob0725	miob4578	ncr6003	ncrb4805	ncrc3911	SEOA4449a	SEOB1966	seob8264
MIOA6684a	miob0775	miob4621	ncr6269	ncrb4918	ncrc5036	SEOA4581	SEOB1994	SOA0132
MIOA6687a	miob0979	miob4641	ncr6272	ncrb5016	ncrc5289	SEOA4612a	SEOB2043	SOA0163
MIOA6732a	miob0981	miob4856	ncr6425	ncrb5046	ncrc5713	SEOA4669a	SEOB2110	SOA0330
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MIOA6899a	miob1036	miob5120	ncr6983	ncrb5296	ncrc6790	SEOA4836a	SEOB2770	SOA0421
MIOA7031a	miob1078	miob5410	ncr7027	ncrb5323	ncrc6843	SEOA5296a	SEOB2809	SOA0444
MIOA7050a	miob1128	miob5418	ncr7033	ncrb5477	ncrc6915	SEOA5300a	SEOB3112	SOA0634
MIOA7175a	miob1160	miob5741	ncr7119	ncrb5650	ncrc6985	SEOA5386	SEOB3127	
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## 5. collagen type III alpha 1 (COL3A1)X06700| 563

ncrc3869	BFCS0050	CR0477	FCR0230	FCR1146	FCR1477	FCR3158	FCR4117	FCR5942
ncrc3938	BFCS0241	CR0550	FCR0247	FCR1210	FCR1972	FCR3171	FCR4280	FCR6219
ncrc4044	CR0140	FCR0036n	FCR0292	FCR1457	FCR2683	FCR4051	FCR5090	FCR7282

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fcrb0298	MIOA4945a	miob6446	ncrc0610	seoa2077n	SEOA4205a	seoa6952	SEOB1327	seob4851
fcrb0305	MIOA5046a	miob6555	ncrc1786	seoa2123m	SEOA4253a	seoa6987	SEOB1349	seob4986
fcrb0408	MIOA5143a	miob6738	ncrc1887	SEOA2170	SEOA4263a	seoa7027	SEOB1398	seob4995
fcrb0434	MIOA5534a	miob6819	ncrc1937	SEOA2199a	SEOA4305a	SEOA7237a	SEOB1434	seob5065
fcrb1303	MIOA5844a	miob7017	ncrc2129	SEOA2205a	SEOA4341a	SEOA7280a	SEOB1437	seob5112
fcrb1486	MIOA6168a	ncr0369	ncrc3003	SEOA2227a	SEOA4342a	SEOA7285a	SEOB1499	seob5172
fcrb1589	MIOA6222a	ncr0947	ncrc3034	SEOA2258a	SEOA4450a	SEOA7319a	SEOB1514	seob5177
fcrb2097	mioa6246a	ncr1246	ncrc4356	SEOA2273a	SEOA4542	SEOA7520a	SEOB1525	seob5184
fcrb2505	MIOA7341a	ncr1302	ncrc4799	SEOA2284a	SEOA4573	SEOA7569a	SEOB1562	seob5198
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fcrb2571	MIOA7488a	ncr1637	ncrc5253	SEOA2462a	SEOA4690a	SEOA7613a	SEOB1630	seob5417
hfc0322	MIOA7610a	ncr1726	ncrc5999	SEOA2476	SEOA4744a	SEOA7638a	SEOB1742	seob5456
hfc0937	mioa7891	ncr2612	ncrc6063	SEOA2532	SEOA4759a	seoa7679a	SEOB1838	seob5550
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hfc1380	MIOA8337	ncr3292	ncrc6997	SEOA2557	seoa4981a	seoa7820a	SEOB1897	seob5600
hfc1403	MIOA8405	ncr3688	ncrc9252	SEOA2588	SEOA5004a	SEOA7950a	SEOB2173	seob5620
hfc1700	MIOA8618	ncr4128	ncrc9669	SEOA2615	SEOA5037a	seoa7974	SEOB2206	seob5663
hfc1766	MIOA8968	ncr4615	ncrc9866	SEOA2645	SEOA5063a	seoa8118	SEOB2246	seob5752
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hfc9599	miob0707	ncr8685	SEOA0506	SEOA2946a	SEOA5737a	SEOA8964	SEOB2711	seob6289
hfc9842	miob1095	ncr8992	SEOA0580	SEOA3019a	SEOA5745a	SEOA8992	SEOB2751	seob6290
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MIOA0331	miob1723	ncr9764	SEOA0814	seoa3168mn	SEOA5821	SEOA9371	SEOB3059	seob6403
MIOA0368a	miob1765	ncrb0075	SEOA0877	SEOA3198	SEOA5878	SEOA9420	SEOB3078	seob6453
MIOA0372a	miob1781	ncrb0396	SEOA0908	SEOA3200	SEOA5883	SEOA9451	SEOB3104	seob6575
MIOA0392a	miob1791	ncrb0451	SEOA0943	SEOA3264	SEOA5919	SEOA9534	SEOB3190	seob6611
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MIOA0722	miob2504	ncrb1377	SEOA1024	SEOA3425a	SEOA6021a	SEOA9629	SEOB3359	seob6792
MIOA0846a	miob2540	ncrb2038	SEOA1094a	SEOA3430a	SEOA6042a	SEOA9826	SEOB3423	seob6873
MIOA0982	MIOB2674	ncrb2636	SEOA1107a	SEOA3546a	SEOA6063a	SEOA9915	SEOB3457	seob7081
MIOA1000	MIOB2746	ncrb3087	SEOA1315	SEOA3559a	SEOA6073a	SEOB0105	seob3676	seob7163
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MIOA3935a	miob5994	ncrb7367	SEOA1916n	SEOA4072	seoa6798	SEOB1073	seob4719	
MIOA4011a	miob6047	ncrb7578	SEOA1946	SEOA4115a	seoa6812	SEOB1077	seob4785	
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## 6. beta-2 microglobulin gene (B2M) gb|AF072097.1 490

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ncrc3633	MIOA3410a	MIOA7514a	MIOB2623	ncr2588	ncrb8544	SEOA3035a	SEOA9403	seob4657
ncrc4414	MIOA3447a	MIOA7523a	MIOB2739	ncr3312	ncrc0007	SEOA3103a	SEOA9667	seob4767
ncrc4612	MIOA3583a	MIOA7570a	MIOB2872	ncr3949	ncrc0074	SEOA3179n	SEOA9702	seob4808
FCR1909	MIOA3663a	MIOA7574a	miob2878	ncr4325	ncrc0150	SEOA3225	SEOA9884	seob4817
FCR5317	MIOA3884a	mioa7917	miob2935	ncr4421	ncrc0416	SEOA3256n	SEOA9900	seob4977
FCR5378	MIOA4028a	mioa7922	miob3092	ncr4519	ncrc0483	SEOA3345a	SEOA9907	seob5023
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hfcr0959	MIOA4053a	MIOA8188	miob3244	ncr4821	ncrc1409	SEOA3775a	SEOB0049	seob5206
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MIOA0966	MIOA4935a	MIOA9151	miob5082	ncr9824	SEOA0778	SEOA5555a	SEOB1168	seob6791
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MIOA1904a	MIOA5766a	miob0377	miob6204	ncrb2681	SEOA1853a	SEOA7332a	SEOB2215	seob7618
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MIOA2110	MIOA6038	miob0451	miob6696	ncrb3080	SEOA1942	SEOA7641a	SEOB2688	seob7769
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## 7. nproteoglycan 4 (=megakaryocyte stimulating factor) AAB09089.1 486

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## 8. collagen type I alpha 2 (COL1A2) NM\_000089.1

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BFCS0553n	FCR4220	hfc90267	MIOA1053	ncr7823	ncrc3199	seoa3150m	seoa9164n	SEOB3411
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## 9. mitochondrion, complete genome (=AF382012.1 haplotype M\*1 mitochondrion) "NC\_001807.2

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Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 12 of 312

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hfc96312	MIOA0277	MIOB0466	miob3920	ncr2350	ncr6047	ncr9098	seoa7705a	SEOB3355
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hfc98760	mioa7839a	MIOB2643	ncr0729	ncr4605	ncr7857	SEOA0050	SEOB1392	seob8320
hfc98780	mioa7870	MIOB2842	ncr0826	ncr4623	ncr7859	SEOA1512	SEOB1824	SOA0125
hfc98860	mioa7873	MIOB2853	ncr0872	ncr4749	ncr7885	SEOA1767a	SEOB1933	
hfc99047	mioa7899	miob2976	ncr1256	ncr4780	ncr7908	SEOA2354a	SEOB2679	
hfc99073	mioa7919	miob3032	ncr1513	ncr4858	ncr7957	SEOA3939	SEOB2760	
hfc99171	MIOA8907	miob3156	ncr1589	ncr5131	ncr7989	SEOA4230a	SEOB2774	
hfc99211	MIOA8953	miob3311	ncr1671	ncr5160	ncr7999	SEOA4231a	SEOB2778	
hfc99216	MIOA8953	miob3340	ncr1841	ncr5173	ncr8008	SEOA4428a	SEOB2929	
hfc99218	MIOA8992	miob3352	ncr1845	ncr5195	ncr8017	SEOA4476a	SEOB2956	

#### 10. collagen type II alpha 1 (COL2A1) J00116.1 360

ncrc6204	ncrc6785	BFCW0378	CR0565	FCR1429	FCR2869	FCR3702	FCR4440	FCR5770
ncrc6152	ncrc6882	BFCW0425	CR0750	FCR1448	FCR2980	FCR3703	FCR5004	FCR5795
ncrc6701	ncrc6901	CR0033	CR0816	FCR1487	FCR3068	FCR3831	FCR5033	FCR5797
ncrc7182	BFCN0081	CR0038	FCR0367	FCR1556	FCR3100	FCR3928	FCR5059	FCR6047
ncrc3826	BFCN0225	CR0270	FCR0369	FCR1763	fcr3109	FCR4018	FCR5167	FCR6205
ncrc3755	BFCN0268	CR0276	FCR0569	FCR1820	FCR3152	FCR4034	FCR5362	FCR6269
ncrc5840	BFCS0292	CR0323	FCR0810	FCR1963	FCR3178	FCR4043	fcr5387n	FCR6282
ncrc6019	BFCS0509	CR0358	FCR0822	FCR2083	FCR3187	FCR4203	FCR5422	FCR6420
ncrc5924	BFCS0553n	CR0429	FCR1066	FCR2114	FCR3332	FCR4271	FCR5585	FCR6425
ncrc6099	BFCW0062	CR0442	FCR1326	fcr2556n	fcr3495n	FCR4397	FCR5701	FCR6557
ncrc5973	BFCW0238	CR0485	FCR1339	FCR2687	FCR3504	FCR4411	FCR5719	FCR6628
ncrc6430	BFCW0341	CR0495	FCR1422	FCR2763	fcr3678n	FCR4412	FCR5761	FCR6670

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 13 of 312

FCR6697	fcrb2264	hfcR4479	MIOA5001a	ncr2824	ncr7063	ncrb0468	ncrb7573	ncrc2884
FCR6723	fcrb2280	hfcR4621	MIOA5098a	ncr3116	ncr7219	ncrb0600	ncrb7813	ncrc2989
FCR6888	fcrb2360	hfcR5248	MIOA5099a	ncr3169	ncr7240	ncrb0699	ncrb7880	ncrc3059
FCR6962	fcrb2672	hfcR5745	MIOA7451a	ncr3288	ncr7356	ncrb1335	ncrb7882	ncrc3237
FCR7055	fcrb2680	hfcR5746	MIOA7608a	ncr3345	ncr7426	ncrb1341	ncrb7955	ncrc3271
FCR7225	fcrb2717	hfcR5986	MIOA8813	ncr3733	ncr7481	ncrb1679	ncrb8031	ncrc3287
FCR7267	fcrb2725	hfcR6101	MIOA9079	ncr3739	ncr7542	ncrb1937	ncrb8116	ncrc3424
FCR7344	fcrb2740	hfcR6642	mioa9206	ncr3748	ncr7772	ncrb2082	ncrb8143	ncrc4177
FCR7476	hfcR0288	hfcR6925	miob4876	ncr4011	ncr7836	ncrb2906	ncrb8255	ncrc4619
FCR7683	hfcR0481	hfcR7017	miob6233	ncr4032	ncr7922	ncrb3325	ncrb8478	ncrc4688
FCR7692	hfcR0575	hfcR7034	ncr0067	ncr4094	ncr8035	ncrb3426	ncrb8583	ncrc4724
fcrb0027	hfcR0684	hfcR7073	ncr0109	ncr4383	ncr8068	ncrb4123	ncrb8810	ncrc4840
fcrb0187	hfcR0738	hfcR7518	ncr0243	ncr4512	ncr8086	ncrb4359	ncrc0065	ncrc5139
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fcrb1117	hfcR1960	hfcR8365	ncr0785	ncr4857	ncr8498	ncrb4541	ncrc0315	ncrc9013
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fcrb1514	hfcR2688	hfcR8989	ncr1181	ncr5305	ncr9625	ncrb5143	ncrc1123	ncrc9200
fcrb1617	hfcR2859	hfcR9023	ncr1434	ncr5673	ncr9766	ncrb5402	ncrc1148	ncrc9356
fcrb1672	hfcR2861	hfcR9196	ncr1452	ncr5702	ncr9965	ncrb5523	ncrc1207	ncrc9551
fcrb1676	hfcR2980	hfcR9459	ncr1536	ncr5788	ncrb0042	ncrb5766	ncrc1226	ncrc9723
fcrb1756	HFCR3115	hfcR9934	ncr1571	ncr6061	ncrb0066	ncrb5911	ncrc1300	ncrc9738
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fcrb1833	hfcR3393	MIOA1950a	ncr2384	ncr6347	ncrb0282	ncrb6800	ncrc2008	SEOB0075
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**11. ribosomal DNA complete repeating unitU13369.1 357**

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ncrc6547	ncrc6983	miob1225	ncr2049	ncr3295	ncr5545	ncr8845	ncrb0748	ncrb3390
ncrc6555	ncrc7036	miob1934	ncr2100	ncr3381	ncr5712	ncr8858	ncrb0830	ncrb3520
ncrc1667	fcr2707nn	miob2407	ncr2119	ncr3401	ncr5873	ncr8939	ncrb0851	ncrb3550
ncrc6502	fcrb0145	miob2471	ncr2171	ncr3507	ncr5918	ncr8951	ncrb0936	ncrb3551
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ncrc2528	hfcR6355	miob6246	ncr2646	ncr3853	ncr6424	ncr9595	ncrb1484	ncrb4458
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ncrc4523	MIOA3162a	ncr0105	ncr2833	ncr4432	ncr7736	ncr9869	ncrb1733	ncrb5059
ncrc4581	MIOA4223	ncr0108	ncr2834	ncr4491	ncr7802	ncr9921	ncrb2178	ncrb5092
ncrc4823	MIOA8128	ncr0449	ncr2863	ncr4601	ncr7848	ncr9950	ncrb2281	ncrb5162
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ncrc5166	MIOA8893	ncr0513	ncr2888	ncr4887	ncr8077	ncrb0087	ncrb2370	ncrb5443
ncrc5096	MIOA8904	ncr0749	ncr2896	ncr4959	ncr8157	ncrb0101	ncrb2693	ncrb5491
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ncrc6270	miob0638	ncr1674	ncr3047	ncr5402	ncr8672	ncrb0514	ncrb3031	ncrb5924

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ncrb5959	ncrb7220	ncrb8121	ncrc1000	ncrc1764	ncrc2835	ncrc6979	ncrc9682	SEOB3547
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ncrb6788	ncrb7630	ncrc0171	ncrc1201	ncrc2055	ncrc4594	ncrc9246	SEOA8474	seob6565
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ncrc3488	FCR1226	FCR7119	HFCR3250	hfc9501	miob5950	ncrb0677	SEOA2998a	SEOB0693a
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ncrc2304	FCR1344	FCR7341	hfc93604	hfc9559	miob6427	ncrb2045	SEOA3338a	SEOB0958
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ncrc3994	FCR1377	FCR7682	hfc93878	hfc9869	ncr0180	ncrb2809	SEOA3502a	SEOB1463
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ncrc4476	FCR1621	fcrb0194	hfc93889	MIOA0211a	ncr0206	ncrb2834	SEOA3965a	SEOB1777
ncrc4593	FCR1940	fcrb0386	hfc94058	MIOA0398a	ncr0299	ncrb2836	SEOA4390a	SEOB1856
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BFCN0051	FCR2046	fcrb1219	hfc96022	MIOA0691	ncr0424	ncrb3389	SEOA5224a	SEOB2257
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BFCS0199	FCR2200	fcrb1458	hfc96104	MIOA0924a	ncr0611	ncrb6013	SEOA5782	SEOB2276
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BFCS0469n	FCR2638	fcrb2346	hfc96542	MIOA2055	ncr2859	ncrb7780	SEOA6535a	seob4081
BFCS0500	FCR2848N	fcrb2436	hfc96560	MIOA2690a	ncr3040	ncrb7836	SEOA6713	seob4314
BFCW0210	FCR3514	fcrb2532	hfc96585	MIOA2951a	ncr3040	ncrb8500	SEOA7179a	seob4580
BFCW0390	FCR3892	hfc90030	hfc96588	MIOA2966a	ncr3075	ncrb8723	SEOA7194a	seob4662
BFCW0551n	FCR3950	hfc90059	hfc96659	MIOA3196a	ncr3128	ncrc0213	SEOA7224a	seob4813
BFCW0583	FCR4243	hfc90334	hfc96725	MIOA3507a	ncr3253	ncrc0259	SEOA7259a	seob4870
BFCW0607	FCR4274	hfc90378	hfc97078	MIOA3544a	ncr3286	ncrc0910	SEOA7372a	seob4903
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CR0088	FCR4814	hfc90544	hfc97648	MIOA4633a	ncr3452	ncrc8859	SEOA7441a	seob5541
CR0488	FCR5113	hfc90668	hfc97725	MIOA5753a	ncr3882	ncrc9210	SEOA7548a	seob5987
CR0715	FCR5342	hfc90830	hfc97725	MIOA6824a	ncr5471	ncrc9515	seoa8028	seob6329
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FCR0858	FCR6738	hfc92574	hfc99264	miob1031	ncr9066	SEOA2511	SEOA9759	SOA0207
FCR0870	FCR6778	hfc92596	hfc99368	MIOB2314	ncr9141	SEOA2644	SEOB0052	SOA0219
FCR1053	FCR6836	hfc92596	hfc99480	miob3429	ncr9343	SEOA2668	SEOB0080	SOA0619
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13. lumican (LUM) NM\_002345.1 340

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MIOA5969a	miob0256	miob4681	ncrb8152	SEOA1758a	SEOA5289a	SEOA8686	SEOB1201	seob6106
MIOA5993a	miob0266	miob5093	ncrc0871	SEOA1772a	SEOA5309a	SEOA8944	SEOB1407	seob6152
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MIOA6256a	miob0482	miob5414	ncrc1562	seoa1914n	SEOA5634a	SEOA9047	SEOB1576	seob6533
MIOA6417a	MIOB0544	miob5853	ncrc1776	SEOA2137	SEOA5789	SEOA9072	SEOB1920	seob6574
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mioa9845	miob4196	ncrb4315	SEOA1262A	SEOA5079a	SEOA8172a	SEOB0926	seob5189	
mioa9876	miob4251	ncrb4659	SEOA1303a	SEOA5101a	SEOA8212	SEOB0943	seob5787	

#### 14. matrix Gla protein (MGP) X53331 323

FCR5827	MIOA2778a	MIOA6898a	miob0968	miob5607	ncr4035	ncr9730	ncrb4507	ncrb8522
hfr0997	MIOA2802a	MIOA7427a	miob1076	miob5857	ncr4041	ncr9842	ncrb4559	ncrb8604
hfr2712	MIOA3193a	MIOA7438a	miob1132	miob5925	ncr4117	ncr9941	ncrb4581	ncrb8762
hfr3598	MIOA3241a	mioa7672a	miob1143	miob6001	ncr4686	ncrb0229	ncrb4779	ncrc0059
hfr5781	MIOA3245a	mioa7684a	miob1190	miob6090	ncr5125	ncrb0270	ncrb4920	ncrc0305
hfr8227	MIOA3373a	mioa7694a	miob1234	miob6213	ncr5345	ncrb0403	ncrb5000	ncrc0901
MIOA0131	MIOA3534a	mioa7934	miob1951	miob6822	ncr5610	ncrb0609	ncrb5028	ncrc0949
MIOA0155	MIOA3651a	MIOA8524	MIOB2103	ncr0416	ncr5653	ncrb0655	ncrb5238	ncrc1388
MIOA0234a	MIOA3733a	MIOA8603	MIOB2108	ncr0559	ncr6370	ncrb0750	ncrb5358	ncrc1517
MIOA0410a	MIOA3776	MIOA8845	miob2388	ncr1115	ncr6560	ncrb0751	ncrb5723	ncrc1758
MIOA0413a	MIOA3809	MIOA9111	miob2489	ncr1783	ncr6657	ncrb1088	ncrb6275	ncrc2378
MIOA0475	MIOA3902a	mioa9337	MIOB2693	ncr1784	ncr6673	ncrb1144	ncrb6390	ncrc2380
MIOA0585a	MIOA4065a	mioa9380	MIOB2721	ncr1957	ncr6749	ncrb1492	ncrb6812	ncrc2950
MIOA0648	MIOA4341a	mioa9535	miob3205	ncr2095	ncr6894	ncrb1636	ncrb6841	ncrc3027
MIOA0845a	MIOA4937a	mioa9680	miob3440	ncr2147	ncr7932	ncrb2019	ncrb7290	ncrc3120
MIOA0923a	MIOA5051a	mioa9696	miob3478	ncr2411	ncr8347	ncrb2512	ncrb7407	ncrc3427
MIOA1132	MIOA5110a	mioa9903	miob3621	ncr2544	ncr8405	ncrb3888	ncrb7620	ncrc3467
MIOA1309	MIOA5455a	miob0270	miob3657	ncr3060	ncr8831	ncrb4121	ncrb7732	ncrc3549
MIOA1418	MIOA5492a	miob0271	miob3768	ncr3135	ncr8849	ncrb4141	ncrb7738	ncrc3677
MIOA1635a	MIOA5637a	miob0276	miob4181	ncr3475	ncr8936	ncrb4188	ncrb7773	ncrc3705
MIOA1664a	MIOA5823a	miob0367	miob4363	ncr3660	ncr9133	ncrb4210	ncrb8141	ncrc3897
MIOA1815a	MIOA6030	miob0455	miob4416	ncr3694	ncr9157	ncrb4250	ncrb8325	ncrc3960
MIOA2064	MIOA6133a	miob0490	miob4871	ncr3828	ncr9177	ncrb4459	ncrb8405	ncrc4010
MIOA2663a	MIOA6896a	miob0943	miob5020	ncr3879	ncr9179	ncrb4475	ncrb8508	ncrc4183

ncrc4396	ncrc5991	ncrc9240	SEOA1337	SEOA3845	seoa7855a	SEOB0878a	seob4080	seob6007
ncrc4638	ncrc6215	ncrc9285	SEOA1509	SEOA4356a	SEOA8386a	SEOB1021	seob4139	seob6639
ncrc4743	ncrc6218	ncrc9298	SEOA2119	SEOA4721a	SEOA8674	SEOB1305	seob4429	seob6788
ncrc4858	ncrc6263	seoa0006m	SEOA2239a	SEOA5560a	SEOA8705	SEOB1536	seob4522	seob7072
ncrc4890	ncrc6514	SEOA0387	SEOA2262a	SEOA5626a	SEOA9151	SEOB2016	seob4585	seob7226
ncrc5055	ncrc6536	SEOA0544	SEOA2400a	SEOA6875	SEOA9225	SEOB2042	seob4897	seob7592
ncrc5144	ncrc6569	SEOA0734a	seoa2680m	SEOA7065a	SEOA9385	seob2311	seob4915	seob7648
ncrc5332	ncrc6593	SEOA0885n	SEOA2681	SEOA7128a	SEOA9390	seob2563	seob5212	seob7674
ncrc5351	ncrc6799	SEOA0907	SEOA2893a	SEOA7176a	SEOB0159	SEOB3142	seob5228	seob7968
ncrc5401	ncrc6967	SEOA1124a	SEOA3026a	SEOA7276a	SEOB0195	SEOB3432	seob5237	SOA0133
ncrc5795	ncrc9032	SEOA1158a	SEOA3568a	SEOA7528a	SEOB0205	SEOB3490	seob5671	SOA0567
ncrc5855	ncrc9037	SEOA1253A	SEOA3844	seoa7677a	SEOB0521	seob3696	seob6002	

#### 15. thymosin beta-4 (TMSB4X) M17733 305

BFCW0250	MIOA2636	mioa9579	miob5076	ncrb8681	SEOA2254a	SEOA6590a	SEOB0449	seob4218
CR0904	MIOA2781a	mioa9685	miob6054	ncrc0792	SEOA2386a	SEOA6634a	SEOB0555	seob4484
FCR1838	MIOA3295a	mioa9749	miob6088	ncrc1257	SEOA2463a	SEOA6635a	SEOB0590	seob4611
FCR4092	MIOA3325a	mioa9968	miob6542	ncrc1571	SEOA2871	seoa6800	SEOB0691a	seob4718
FCR4109	MIOA3635a	miob0076	miob6760	ncrc1768	SEOA3023a	SEOA7068a	SEOB0842a	seob4747
FCR4506	MIOA3836	miob0301	miob6914	ncrc2096	SEOA3197	SEOA7125a	SEOB1024	seob4748
fcrb0136	MIOA4021a	miob0325	miob6989	ncrc2677	SEOA3529a	SEOA7168a	seob1041	seob4769
fcrb0631	MIOA4075a	miob1080	ncr0934	ncrc3216	SEOA3630a	SEOA7238a	SEOB1225	seob4774
fcrb2061	MIOA4130	miob1116	ncr0934	ncrc4394	SEOA3729a	SEOA7248a	SEOB1400	seob4818
hfc1297	MIOA4207	miob1149	ncr2290	ncrc4792	SEOA3859	SEOA7265a	SEOB1516	seob4883
hfc12655	MIOA4221	miob1210	ncr2569	ncrc5616	SEOA3911	SEOA7304a	SEOB1540	seob5246
hfc12827	MIOA4823a	MIOB1535	ncr2738	ncrc6574	SEOA3933	SEOA7591a	SEOB1666	seob5504
hfc13840	MIOA5435a	miob1770	ncr3088	ncrc9683	SEOA3934	seoa7725a	SEOB1671	seob5615
hfc15976	MIOA5640a	MIOB2213	ncr3952	SEOA0040	SEOA3996a	seoa7744a	SEOB1867	seob5623
MIOA0100	MIOA5724	MIOB2299	ncr4997	seoa0094m	SEOA4164a	seoa7751a	SEOB1876	seob5757
MIOA0116	MIOA6132a	miob2396	ncr5357	SEOA0296	SEOA4306a	seoa7765a	SEOB1997	seob5788
MIOA0140	MIOA6152a	miob2444	ncr6031	seoa0434m	SEOA4594	seoa7832a	SEOB2044	seob5832
MIOA0185	MIOA6372a	miob2446	ncr6120	SEOA0478	SEOA4766a	seoa7886a	seob2091n	seob5836
MIOA0825	MIOA6401a	miob2997	ncr6702	SEOA0502	SEOA4804a	seoa8114	seob2091n	seob5848
MIOA1104	MIOA6656a	miob2998	ncr6986	SEOA0835	SEOA4827a	seoa8116	seob2322	seob5869
MIOA1121	MIOA6979a	miob3005	ncr7438	SEOA0888	seoa4938a	seoa8151	seob2612	seob5936
MIOA1297	MIOA6989a	miob3090	ncr7591	SEOA0891	seoa4942a	SEOA8184a	SEOB2691	seob6194
MIOA1396a	MIOA7011a	miob3583	ncr9127	SEOA1135a	seoa4966a	SEOA8283	SEOB3003	seob6306
MIOA1589	MIOA7383a	miob3762	ncrb0283	SEOA1138a	SEOA5012a	SEOA8341a	SEOB3162	seob6354
MIOA1839a	mioa7642a	miob3868	ncrb1305	SEOA1191A	SEOA5033a	SEOA8573	seob3268	seob6360
MIOA2157a	mioa7670a	miob4052	ncrb1483	SEOA1209A	SEOA5051a	SEOA8680	SEOB3580	seob6516
MIOA2168a	mioa7855	miob4117	ncrb2090	SEOA1224A	SEOA5204a	SEOA8709	seob3872	seob6754
MIOA2232a	mioa7883	miob4136	ncrb2608	SEOA1494	SEOA5879	SEOA8876	seob3891	seob7166
MIOA2289a	MIOA8035a	miob4139	ncrb3648	SEOA1504	SEOA6204a	SEOA8905	seob3912	seob7201
MIOA2304a	MIOA8339	miob4253	ncrb5209	SEOA1515	SEOA6268	SEOA9031	seob3963	seob7621
MIOA2445a	MIOA8702	miob4380	ncrb6031	SEOA1520	SEOA6380	SEOA9134	seob3964	seob8007
MIOA2455a	MIOA8781	miob4417	ncrb6050	seoa1548m	SEOA6394	SEOA9148	seob4004	seob8045
MIOA2468a	MIOA8825	miob4971	ncrb7745	SEOA2076	SEOA6444a	SEOA9417	seob4119	seob8060
MIOA2599a	MIOA9133	miob5047	ncrb8487	SEOA2168n	SEOA6488a	SEOA9700	seob4207	

#### 16. osteonectin gene (SPARC) secreted protein, acidic, cysteine-rich M25746.1 248

ncrc6598	ncrc3640	ncrc4730	CR0591	FCR5250	fcrb1865	hfc13960	hfc15716	MIOA0970
ncrc6559	ncrc2241	ncrc5858	FCR0375	FCR5263	fcrb2192	hfc14106	hfc16283	MIOA1549
ncrc6168	ncrc2515	ncrc5790	FCR1029	FCR5898	fcrb2300	hfc14120	hfc16860	MIOA2171a
ncrc5684	ncrc4382	ncrc6061	FCR1423	FCR5971	fcrb2454	hfc14132	hfc17683	MIOA4892a
ncrc6201	ncrc4660	BFC50074	FCR1955	FCR6766	hfc10310	hfc14333	hfc18827	MIOA5898a
ncrc7119	ncrc1427	BFC50284	FCR2296	FCR6802	hfc1377	hfc15065	hfc19977	MIOA7583a
ncrc3680	ncrc4761	CR0119	FCR2822	fcrb0168	hfc12040	hfc15433	MIOA0458	mioa7929
ncrc3642	ncrc1385	CR0370	FCR4871	fcrb1432	hfc13568	hfc15601	mioa0789m	mioa9693



Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 17 of 312

miob1722	ncr2867	ncr6896	ncrb0812	ncrb4904	ncrb7719	ncrc1870	SEOA5398	SEOB0916
MIOB2708	ncr3049	ncr7150	ncrb0914	ncrb4965	ncrb7793	ncrc2800	SEOA5576a	SEOB1125
miob3926	ncr3206	ncr7190	ncrb1081	ncrb5068	ncrb7861	ncrc2955	SEOA5871	SEOB2704
miob3981	ncr3573	ncr7216	ncrb1562	ncrb5181	ncrb8149	ncrc3012	SEOA7396a	SEOB2763
miob5104	ncr3575	ncr7272	ncrb1656	ncrb5407	ncrb8382	ncrc3085	SEOA7495a	SEOB2944
ncr0136	ncr3667	ncr7558	ncrb1822	ncrb5539	ncrb8422	ncrc4144	seoa7965	SEOB3357
ncr0305	ncr3699	ncr8330	ncrb2164	ncrb5615	ncrb8429	ncrc5087	SEOA8417	seob3995
ncr0316	ncr3731	ncr8434	ncrb2519	ncrb5834	ncrb8435	ncrc6564	SEOA8436	seob4092
ncr0352	ncr3901	ncr8511	ncrb2527	ncrb5976	ncrb8718	ncrc6803	SEOA8626	seob4881
ncr0494	ncr4073	ncr8933	ncrb2715	ncrb6249	ncrb8783	ncrc6944	SEOA8958	seob5561
ncr0855	ncr4137	ncr9344	ncrb2738	ncrb6569	ncrc0142	ncrc9425	SEOA9138	seob5780
ncr1197	ncr4200	ncr9565	ncrb3338	ncrb6670	ncrc0285	ncrc9437	SEOA9342	seob6679
ncr1201	ncr4567	ncr9682	ncrb3563	ncrb6785	ncrc0359	ncrc9727	SEOA9552	seob7222
ncr1748	ncr4750	ncr9771	ncrb3621	ncrb6942	ncrc0381	ncrc9742	SEOA9747	seob7348
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ncr2187	ncr5218	ncrb0120	ncrb3872	ncrb7067	ncrc0510	SEOA1733a	SEOA9875	SOA0674n
ncr2215	ncr5328	ncrb0166	ncrb4019	ncrb7246	ncrc0628	SEOA2742	SEOB0329	
ncr2223	ncr5463	ncrb0544	ncrb4118	ncrb7528	ncrc0813	SEOA3222	SEOB0405	
ncr2837	ncr5826	ncrb0589	ncrb4573	ncrb7624	ncrc0885	SEOA3904	SEOB0662a	
ncr2840	ncr6138	ncrb0745	ncrb4804	ncrb7706	ncrc1617	SEOA4101a	SEOB0770	

#### 17. ribosomal protein S27 (=metallopanstimulin 1 MPS1)NM\_001030.1 247

ncrc4378	fcrb1711	MIOA5281a	ncr1666	ncr7618	ncrb6222	ncrc4953	seoa4891a	SEOB3467
ncrc4607	fcrb2289	MIOA6294a	ncr2073	ncr7652	ncrb6279	ncrc5537	SEOA5814	seob4091
ncrc6259	hfc0276	MIOA6706a	ncr2389	ncr7956	ncrb6325	ncrc6387	seoa6855	seob4105
ncrc5963	hfc0559	MIOA7201a	ncr2647	ncr8440	ncrb6528	ncrc6677	SEOA6886	seob4313
ncrc5964	hfc0608	MIOA7226a	ncr2671	ncr8839	ncrb6647	ncrc8922	seoa7019	seob4341
ncrc5995	hfc1343	mioa7886	ncr2934	ncr8960	ncrb7201	ncrc8959	SEOA7241a	seob4421
ncrc6333	hfc1362	MIOA8399	ncr3121	ncrb0044	ncrb7612	ncrc9071	SEOA7525a	seob4515
ncrc5865	hfc2166	MIOA9039	ncr3195	ncrb0413	ncrb7683	ncrc9339	seoa7817a	seob4600
ncrc6413	hfc2823	MIOA9051	ncr3549	ncrb0551	ncrb8026	ncrc9796	SEOA7932a	seob4920
ncrc6911	hfc2910	mioa9814	ncr3565	ncrb0708	ncrb8256	SEOA0144	SEOA8460	seob4934
ncrc7017	hfc5264	miob1154	ncr3804	ncrb1619	ncrb8788	SEOA0171a	SEOA8592	seob5725
BFC0398	hfc5856	MIOB2803	ncr4184	ncrb2393	ncrc0400	SEOA0293	SEOA8592	seob5753
FCR0848	hfc5890	miob2921	ncr4220	ncrb2590	ncrc0471	SEOA0362	SEOA9136	seob6062
FCR1554	hfc7569	miob3771	ncr4568	ncrb2821	ncrc0523	SEOA0525	SEOA9785	seob6633
FCR1907	hfc7842	miob3995	ncr4688	ncrb2957	ncrc0906	SEOA1120a	SEOA9984	seob7357
FCR2113	hfc8358	miob4198	ncr4778	ncrb3123	ncrc0985	SEOA1298a	SEOB0001	seob7469
FCR2473	hfc9150	miob4361	ncr4910	ncrb3392	ncrc1056	SEOA1960	SEOB0036	seob7523
FCR2840	hfc9495	miob4381	ncr4921	ncrb3552	ncrc1489	SEOA2078	SEOB0673a	seob7692
FCR4154	hfc9566	miob4777	ncr4982	ncrb4106	ncrc2202	seoa2682m	SEOB0786a	seob7876
FCR4870	MIOA0229a	miob4863	ncr5108	ncrb4911	ncrc2396	SEOA2683	SEOB1241	seob7938
FCR5749	MIOA0818	miob5021	ncr5639	ncrb5015	ncrc2765	SEOA2896a	SEOB1474	seob7987
FCR6589	MIOA0865a	miob5678	ncr5942	ncrb5276	ncrc2988	SEOA3402a	SEOB1512	SOA0437
fcrb0046	MIOA1066	miob6261	ncr6395	ncrb5423	ncrc3203	SEOA3537a	SEOB1552	SOA0506
fcrb0190	MIOA2249a	miob6299	ncr6581	ncrb5601	ncrc3625	SEOA3589a	SEOB2041	
fcrb0317	MIOA2650	miob6350	ncr6968	ncrb6003	ncrc3909	SEOA4003a	SEOB2119	
fcrb0335	MIOA4133	miob6507	ncr7333	ncrb6006	ncrc4159	SEOA4408a	seob2574	
fcrb1412	MIOA4237	miob6956	ncr7378	ncrb6089	ncrc4309	SEOA4555	seob2579	
fcrb1708	MIOA4870a	ncr0908	ncr7517	ncrb6187	ncrc4671	SEOA4839a	seob3266	

#### 18. vimentin gene (VIM) Z19554 212

ncrc4509	FCR0909	FCR6621	fcrb2210	hfc1739	hfc6021	MIOA0019a	MIOA1833a	MIOA4040a
ncrc4369	FCR2425	FCR7153	fcrb2245	hfc2801	hfc6571	MIOA0404a	MIOA2099	MIOA4305a
ncrc4543	FCR3170	FCR7255	hfc0284	hfc4430	hfc7091	MIOA1074	MIOA2254a	MIOA4665a
BFCN0265	FCR5713	FCR7685	hfc0436	hfc5120	hfc7772	MIOA1080	MIOA2572a	MIOA5121a
BFC0557	FCR5818	fcrb1817	hfc1275	hfc5428	hfc8393	MIOA1363a	MIOA2588a	MIOA5761a
CR1003	FCR6503	fcrb1886	hfc1404	hfc5686	hfc8422	MIOA1627a	MIOA4027a	MIOA5824a

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MIOA5925a	miob3333	ncr8802	ncrc6757	SEOA2093	SEOA6418	SEOA8819	SEOB2980	seob5970
MIOA6806a	miob3408	ncrb0134	ncrc9194	SEOA2185a	SEOA6529a	SEOA9212	SEOB3033	seob6117
MIOA7269a	miob4518	ncrb2591	SEOA0056	SEOA2358a	SEOA6629a	SEOA9346	SEOB3041	seob6178
MIOA7472a	miob4927	ncrb4011	SEOA0256a	SEOA2414	seoa6934	SEOA9462	SEOB3072	seob6801
MIOA8351	miob4948	ncrb5519	SEOA0440	SEOA3213	seoa6953	SEOA9488	SEOB3135	seob7217
MIOA8613	miob5025	ncrb7093	seoa0459m	SEOA3246	SEOA7111a	SEOA9560	SEOB3407	seob7285
mioa9330	miob5966	ncrb8740	SEOA0508	SEOA3591a	SEOA7165a	SEOA9938	SEOB3471	seob7355
mioa9945	miob6384	ncrc0401	SEOA0551A	SEOA3848	SEOA7192a	SEOA9987	seob3936	seob7417
miob0173	miob6489	ncrc0507	SEOA0584	SEOA4075	SEOA7217a	SEOB0346	seob4130	seob7462
MIOB0552	miob6843	ncrc0676	SEOA0592a	SEOA5011a	SEOA7446a	SEOB0924	seob4234	seob7464
miob1298	ncr1147	ncrc1084	SEOA0923	SEOA5109a	seoa7700a	SEOB1157	seob4887	seob7641
miob1786	ncr2577	ncrc1337	SEOA1281a	SEOA5280a	seoa7853a	SEOB1214	seob5098	seob7724
miob1912	ncr2736	ncrc1716	SEOA1286a	SEOA5521a	SEOA7907a	SEOB1613	seob5163	seob8286
MIOB2736	ncr4460	ncrc1914	SEOA1592a	SEOA5538a	SEOA8217	SEOB1829	seob5660	soa0461n
miob2916	ncr6552	ncrc4253	SEOA1937n	SEOA5600a	SEOA8259	SEOB1899	seob5728	
miob2950	ncr6562	ncrc5575	SEOA1943	SEOA5666a	SEOA8518	seob2590	seob5806	
miob3013	ncr7288	ncrc6192	seoa2037	SEOA5713a	SEOA8628	SEOB2753	seob5885	
miob3204	ncr8252	ncrc6421	seoa2045m	SEOA6190a	SEOA8782	SEOB2764	seob5904	

## 19. ribosomal protein L7 X52967 206

BFCW0079	fcrb2509	MIOA0727	MIOA6125a	miob2500	ncr4911	ncrc0072	SEOA3041a	SEOB0871a
CR0292	hfcr0384	MIOA1288	MIOA6453a	miob3165	ncr5566	ncrc0195	SEOA3963a	SEOB1028
FCR0850	hfcr0540	MIOA1558	MIOA6460a	miob3707	ncr5626	ncrc0633	SEOA4299a	SEOB1529
FCR1484	hfcr0856	MIOA1893a	MIOA6486a	miob3731	ncr5900	ncrc1864	SEOA4769a	SEOB1631
FCR1817	hfcr0890	MIOA1924a	MIOA7148a	miob3939	ncr6111	ncrc2691	SEOA4812a	SEOB1874
FCR2164	hfcr1385	MIOA2096	MIOA7406a	miob3990	ncr7001	ncrc3548	SEOA5579a	SEOB2216
FCR4011	hfcr1784	MIOA2338a	MIOA7426a	miob4026	ncr7979	ncrc4027	SEOA6482a	seob2573
FCR4039	hfcr1789	MIOA2680a	MIOA7441a	miob4027	ncr8127	ncrc4662	SEOA6578a	SEOB3233
FCR5047	hfcr1791	MIOA2706a	mioa7790a	miob4608	ncr9721	ncrc5109	SEOA6910	SEOB3392
FCR5327	hfcr1901	MIOA2803a	MIOA8157	miob5118	ncr9865	ncrc6681	SEOA7336a	SEOB3483
FCR5343	hfcr3024	MIOA3200a	MIOA8221	miob5626	ncrb0784	ncrc6853	SEOA7937a	seob4128
FCR5421	HFCR3152	MIOA3347a	MIOA8577	miob5668	ncrb1531	ncrc6935	seoa8015	seob4531
FCR5683	HFCR3181	MIOA3418a	MIOA8712	miob5861	ncrb2112	ncrc8942	SEOA8267	seob5039
FCR6483	HFCR3191	MIOA3730a	MIOA9132	miob6110	ncrb2317	ncrc9970	SEOA8678	seob5494
FCR6582	hfcr5895	MIOA3967a	mioa9363	miob6534	ncrb3334	SEOA0289	SEOA9124	seob5881
fcrb0081	hfcr6068	MIOA4310a	mioa9460	miob6737	ncrb4390	SEOA0887	SEOA9210	seob6012
fcrb0202	hfcr6907	MIOA4487a	mioa9626	ncr0503	ncrb5048	SEOA1266A	SEOA9512	seob6697
fcrb0735	hfcr6929	MIOA4512a	miob0418	ncr0600	ncrb5591	SEOA1309a	SEOA9639	seob6775
fcrb1318	hfcr7791	MIOA4645a	miob0714	ncr0680	ncrb6196	SEOA1950	SEOB0203	seob7317
fcrb1639	hfcr7965	MIOA5053a	miob1205	ncr1651	ncrb6301	SEOA2165	SEOB0395	seob7331
fcrb1973	hfcr8505	MIOA5777a	MIOB1580	ncr2532	ncrb6704	SEOA2180a	SEOB0579	seob7666
fcrb2080	hfcr8752	MIOA5970a	miob1796	ncr4203	ncrb7656	SEOA2420a	SEOB0665a	seob8006
fcrb2119	MIOA0607a	MIOA6069a	MIOB2189	ncr4377	ncrb8657	SEOA3031a	SEOB0750	

## 20. scrapie responsive protein 1 (SCRG1)NM\_007281.1 168

ncrc7177	MIOA0025a	MIOA4526a	mioa9320	MIOB2345	miob5995	ncr2712	ncr7385	ncrb5459
ncrc5681	MIOA0202a	MIOA5580a	mioa9675	miob2506	miob6075	ncr2772	ncr7563	ncrb5717
ncrc4340	mioa0556a	MIOA5656	miob0385	MIOB2670	miob6346	ncr2974	ncr8237	ncrb7075
ncrc4610	mioa0640an	MIOA5994a	miob0404	miob2876	miob6583	ncr3062	ncr8397	ncrb7467
ncrc4301	MIOA0756	MIOA6039	miob0447	miob3065	ncr0576	ncr3092	ncr8790	ncrb8265
ncrc5261	MIOA1234	MIOA6280a	miob0750	miob3733	ncr0763	ncr3124	ncrb0226	ncrb8331
ncrc5311	MIOA1600	MIOA7166a	miob0975	miob4217	ncr0807	ncr4585	ncrb0395	ncrb8707
ncrc5567	MIOA1823a	MIOA7364a	miob1203	miob4391	ncr0817	ncr5010	ncrb0449	ncrc0167
ncrc6780	MIOA1853a	MIOA7367a	miob1373	miob4528	ncr0917	ncr5475	ncrb1522	ncrc0313
ncrc6876	MIOA2458a	MIOA7435a	miob1858	miob4584	ncr1848	ncr5752	ncrb1817	ncrc0537
FCR4957	MIOA2605a	mioa7830a	miob1895	miob4818	ncr2036	ncr6221	ncrb2359	ncrc3277
fcr5406n	MIOA3933a	MIOA8127	MIOB2139	miob4877	ncr2237	ncr6575	ncrb2678	ncrc3296
hfcr5939	MIOA4187	mioa9280	MIOB2265	miob5984	ncr2599	ncr6772	ncrb4483	ncrc3535

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ncrc4976	seoa2672m	SEOA5347	SEOA6459a	SEOA9153	SEOB2916	seob4798	seob6650	SOA0285
SEOA0487	SEOA2941a	SEOA5831	SEOA7267a	SEOA9250	SEOB3083	seob4922	seob6725	SOA0288
SEOA0777	SEOA3620a	SEOA5835	SEOA7598a	SEOA9422	SEOB3300	seob5239	seob6824	SOA0632
SEOA0858	SEOA3780a	SEOA6333	seoa7754a	SEOB1130	seob4013	seob5786	seob7663	
SEOA2271a	SEOA3905	SEOA6376	seoa8080	SEOB1819	seob4121	seob5966	seob8034	
SEOA2480	SEOA4575	SEOA6422	SEOA8584	SEOB2648	seob4206	seob6301	seob8266	

**21. connective tissue growth factor (CTGF) U14750 159**

ncrc2273	MIOA2961a	miob0248	ncr0137	ncr5898	ncrb2777	ncrb6968	ncrc9327	seoa8087
ncrc2535	MIOA3188a	miob0778	ncr0480	ncr6535	ncrb2833	ncrb7783	ncrc9834	SEOA8788
ncrc6828	MIOA3406a	miob1692n	ncr0507	ncr6675	ncrb3539	ncrb7824	SEOA1413a	SEOB0827a
ncrc6973	MIOA4999a	miob2429	ncr0780	ncr7193	ncrb4196	ncrb8186	SEOA1472a	SEOB1078
BFCS0303	MIOA5052a	miob2442	ncr0819	ncr7774	ncrb4377	ncrc0156	SEOA1530	seob2534
FCR6229	MIOA5220	miob3007	ncr0842	ncr7780	ncrb4628	ncrc1321	SEOA2979a	SEOB2940
fcrb1224	MIOA5756a	miob3255	ncr1551	ncr8671	ncrb4893	ncrc1492	SEOA2983a	SEOB3234
hfc1829	MIOA5939a	miob3744	ncr1715	ncr9004	ncrb5027	ncrc1493	SEOA3099a	seob5257
hfc2297	MIOA5940a	miob3895	ncr1777	ncr9160	ncrb5312	ncrc1611	seoa3145m	seob6654
hfc5724	MIOA6725a	miob3978	ncr2006	ncr9320	ncrb5724	ncrc3290	SEOA3542a	seob6667
MIOA0390a	MIOA6842a	miob4116	ncr2168	ncr9326	ncrb5960	ncrc3865	SEOA4077	seob6690
MIOA0792	MIOA6990a	miob4283	ncr3019	ncr9846	ncrb6102	ncrc4197	SEOA4458a	seob6902
MIOA1135	MIOA7250a	miob4382	ncr3145	ncrb0205	ncrb6475	ncrc4580	SEOA4665a	seob7467
MIOA1178	mioa8326n	miob4894	ncr3798	ncrb0254	ncrb6559	ncrc4824	SEOA5416	seob7475
MIOA1308m	MIOA8803	miob5107	ncr4536	ncrb0654	ncrb6655	ncrc5277	SEOA5944	soa0277n
MIOA1521	MIOA8922	miob5772	ncr5263	ncrb0899	ncrb6715	ncrc5493	SEOA6048a	
MIOA1727a	MIOA9055	miob6086	ncr5272	ncrb2187	ncrb6789	ncrc6443	SEOA7116a	
MIOA1917a	mioa9503	miob6864	ncr5644	ncrb2421	ncrb6935	ncrc9043	SEOA7440a	

**22. tumor protein translationally-controlled 1 (TPT1) NM\_003295.1 158**

ncrc5662	FCR5935	hfc1426	MIOA3619a	miob3873	ncrb0952	ncrc0138	SEOA1987	SEOA9701
ncrc5445	FCR6031	hfc2667	MIOA3917a	miob4047	ncrb1792	ncrc0452	SEOA2034	SEOB1249
ncrc5600	FCR6303	hfc2876	MIOA3960a	miob4445	ncrb2192	ncrc0872	SEOA2609	SEOB1523
ncrc5943	FCR6871	hfc2913	MIOA4926a	miob5787	ncrb3248	ncrc1956	seoa2643m	SEOB1828
ncrc6425	FCR6996	hfc3720	MIOA6264a	ncr0604	ncrb3609	ncrc3336	seoa3156mn	seob2620
CR0235	FCR7449	hfc3810	MIOA6798a	ncr1703	ncrb3684	ncrc3392	SEOA4492	SEOB2650
FCR0743	FCR7719	hfc3900	MIOA7320	ncr1806	ncrb3878	ncrc3736	SEOA5510a	SEOB3382
FCR2273	fcrb1508	hfc5471	MIOA8959	ncr2172	ncrb4023	ncrc3829	SEOA5511a	seob3715
fc2505nn	fcrb2011	hfc5474	MIOA9120	ncr2352	ncrb4876	ncrc4170	SEOA5862	seob4360
FCR2735	fcrb2352	hfc5744	mioa9200	ncr2945	ncrb4935	ncrc4273	SEOA6282	seob6101
FCR2766	hfc0012	hfc7271	mioa9419	ncr5069	ncrb4952	ncrc8984	SEOA6448a	seob6472
FCR3436	hfc0108	hfc7362	mioa9553	ncr5164	ncrb4984	ncrc9108	SEOA6719	seob7500
FCR3530	hfc0315	hfc7551	mioa9981	ncr6410	ncrb5374	ncrc9735	SEOA7154a	seob8229
FCR4260	hfc0599	hfc9899	miob0091	ncr8241	ncrb5626	SEOA0044n	seoa7710a	SOA0249
FCR4829	hfc0728	MIOA0138	miob0238	ncr8721	ncrb6164	seoa0268m	SEOA8441	SOA0283
FCR4948	hfc1174	MIOA1107	miob0366	ncrb0459	ncrb7711	SEOA0369	SEOA8576	
FCR4950	hfc1193	MIOA1884a	miob0774	ncrb0529	ncrb8101	SEOA0397	SEOA8742	
FCR5099	hfc1205	MIOA2302a	MIOB2667	ncrb0687	ncrb8494	SEOA1899	SEOA9026	

**23. putative p150 AAC51271.1 145**

ncrc2447	MIOA8759	miob3183	ncr0273	ncr3591	ncr5659	ncr6817	ncr8253	ncrb1114
ncrc2577	mioa9329	miob3805	ncr1002	ncr4048	ncr5692	ncr7117	ncr8702	ncrb1127
hfc5810	miob0749	miob4213	ncr1560	ncr4380	ncr5711	ncr7187	ncr8851	ncrb2647
hfc6201	miob0883	miob6535	ncr1593	ncr4543	ncr5720	ncr7663	ncr9719	ncrb2808
hfc8551	miob1813	miob6700	ncr2505	ncr4642	ncr5727	ncr7881	ncrb0058	ncrb3038
hfc9949	miob2923	miob6784	ncr2523	ncr5544	ncr5734	ncr7918	ncrb0093	ncrb3360
MIOA8149	miob2930	miob6961	ncr3306	ncr5586	ncr5908	ncr8024	ncrb0245	ncrb3587
MIOA8499	miob2939	miob7018	ncr3379	ncr5600	ncr6656	ncr8122	ncrb0466	ncrb3960
MIOA8538	miob3094	ncr0060	ncr3499	ncr5648	ncr6683	ncr8134	ncrb0923	ncrb4713

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ncrb5360	ncrc0478	ncrc2318	ncrc4733	ncrc6487	ncrc9697	SEOB3117	seob6240
ncrb6717	ncrc0601	ncrc2493	ncrc4874	ncrc6703	ncrc9952	SEOB3585	seob6283
ncrb6757	ncrc0814	ncrc2849	ncrc5065	ncrc6800	seoa6937	seob3686	seob6545
ncrb7339	ncrc0853	ncrc3135	ncrc5223	ncrc7091	SEOA9020	seob3941	seob6663
ncrb8412	ncrc2003	ncrc3678	ncrc5475	ncrc9197	SEOA9577	seob5332	seob6671
ncrb8623	ncrc2149	ncrc4160	ncrc5563	ncrc9229	SEOA9707	seob5473	seob6692
ncrb8704	ncrc2154	ncrc4513	ncrc5909	ncrc9506	SEOB1624	seob5877	seob6757
ncrb8795	ncrc2233	ncrc4540	ncrc6319	ncrc9564	SEOB2114	seob6047	seob6780

**24. osteoblast specific factor 2 (OSF-2os) D13666.1 139**

BFCW0085	SEOA0083	seoa2604m	SEOA5939	SEOA8311a	seob1301n	SEOB3398	seob5155	seob6732
CR0146	SEOA0142	SEOA2714	SEOA6368	SEOA8737	SEOB1303	SEOB3420	seob5162	seob6865
CR0557	SEOA0204A	SEOA2904a	SEOA6442	SEOA8809	SEOB1445	SEOB3469	seob5443	seob7220
CR0900	SEOA0497	SEOA2921a	SEOA6915	SEOA8824	SEOB1473	SEOB3487	seob5487	seob7486
FCR3064	seoa0498m	seoa3152m	seoa6933	SEOA8848	SEOB1504	SEOB3521	seob5512	seob7508
FCR4409	SEOA0585	SEOA3214	seoa6946	SEOA8879	SEOB1603	seob3992	seob5535	seob7612
FCR5767	SEOA0593a	SEOA3266	seoa7028	SEOA8989	SEOB1609	seob4005	seob5575	seob7766
FCR7251	seoa0764m	SEOA3420a	SEOA7097a	SEOA9133	SEOB1745	seob4240	seob5754	seob7910
hfc0734	SEOA0846	SEOA4316a	SEOA7358a	SEOA9169	SEOB1928	seob4280	seob5813	seob7979
hfc0765	SEOA1194A	SEOA4346a	seoa7691a	SEOA9851	SEOB1982	seob4488	seob5910	seob8068
hfc1823	SEOA1291a	SEOA4455a	seoa7773a	SEOA9951	SEOB2255	seob4651	seob6185	SOA0646
hfc2141	SEOA1440a	SEOA5129a	seoa7834a	SEOA9993	seob2607	seob4695	seob6349	
HFCR3195	SEOA1660a	SEOA5173a	seoa7878a	SEOB0118	SEOB2663	seob4746	seob6382	
hfc5075	SEOA2007	SEOA5312a	seoa8029	SEOB0398	SEOB2998	seob4786	seob6412	
hfc5836	SEOA2124	SEOA5505a	seoa8055	SEOB0628a	seob3269	seob5150	seob6517	
MIOA6728a	SEOA2434a	SEOA5582a	SEOA8204	SEOB1154	SEOB3336	seob5154	seob6681	

**25. collagen type I alpha 1 (COL1A1) X06269 128**

BFCN0211	FCR1967	fcrb1506	hfc1125	hfc6010	hfc7956	ncr4067	ncrb8285	seob3983
BFCS0077	FCR2008	fcrb1510	hfc1152	hfc6223	hfc7979	ncr4544	ncrb8420	seob4352
BFCW0090	FCR4702	fcrb1588	hfc1262	hfc6445	hfc9006	ncr4613	ncrc2729	seob5382
cr0131n	FCR4768	fcrb1612	hfc1315	hfc6574	hfc9043	ncr4813	ncrc3292	seob5394
fcr0038n	FCR4999	fcrb1978	hfc1320	hfc6623	hfc9355	ncr5280	ncrc3679	seob5427
fcr0039n	FCR5251	fcrb2001	hfc1383	hfc6681	hfc9384	ncr8761	ncrc4119	seob5435
FCR0488	fcrb0056	fcrb2157	hfc2066	hfc6904	hfc9386	ncr9314	ncrc6222	seob5471
FCR0607	fcrb0089	fcrb2538	hfc2872	hfc6988	hfc9519	ncr9579	SEOA4529	seob8181
FCR0682	fcrb0296	fcrb2767	hfc2939	hfc7059	hfc9520	ncrb1898	SEOA7221a	
FCR0734	fcrb0370	hfc0078	hfc3541	hfc7088	hfc9707	ncrb2179	SEOA7607a	
FCR1148	fcrb0407	hfc0174	hfc3986	hfc7366	hfc9887	ncrb5229	SEOA8327a	
FCR1389	fcrb0568	hfc0613	hfc4164	hfc7414	hfc9919	ncrb5536	SEOA9590	
FCR1425	fcrb0815	hfc0718	hfc5199	hfc7609	hfc9938	ncrb6628	SEOA9812	
FCR1737	fcrb1465	hfc0730	hfc5654	hfc7618	hfc9965	ncrb7568	SEOB2756	
FCR1964	fcrb1476	hfc0763	hfc5811	hfc7858	hfc9966	ncrb8245	SEOB3460	

**26. Ribosomal protein S20 (RPS20) NM\_001023.1 124**

BFCS0560	FCR3397	hfc2209	hfc6705	MIOA5473a	miob3476	ncr7115	SEOA1687a	SEOA5728a
CR0955	FCR4850	hfc2842	hfc6958	MIOA5826a	miob4134	ncrb0440	SEOA1711a	SEOA5828
FCR0088	FCR5345	hfc2880	hfc7712	MIOA7073a	miob4201	ncrb2472	SEOA1887	SEOA6043a
FCR0284	FCR7236	hfc2931	hfc8280	MIOA7223a	miob4577	ncrb3418	SEOA2260a	SEOA6522a
FCR0402	fcrb0198	hfc3659	hfc8914	MIOA7306	miob4934	ncrb4480	SEOA3355a	SEOA7291a
FCR0448	fcrb0397	hfc4454	hfc9039	mioa9353	ncr0005	ncrb4840	SEOA3631a	SEOA7529a
FCR1040n	fcrb1159	hfc5171	MIOA1283m	miob0231	ncr0186	ncrb6460	SEOA3659a	SEOA8806
FCR1206	fcrb1683	hfc5619	MIOA2265a	miob0326	ncr0408	ncrc0458	SEOA3892	SEOA9345
FCR1291	fcrb2763	hfc5823	MIOA2417a	miob0649	ncr1228	ncrc0752	SEOA3893	SEOA9364
FCR1492	hfc0438	hfc5943	MIOA3719a	miob1208	ncr5258	ncrc5542	SEOA4720a	SEOA9503
FCR1754	hfc0825	hfc6005	MIOA3867	miob1314	ncr5355	SEOA0307	SEOA4825a	SEOA9710
FCR3122	hfc1368	hfc6591	MIOA4940a	miob1807	ncr6264	SEOA0771	SEOA5112a	SEOB0240

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SEOB1262	SEOB2952	seob3757	seob4768	seob5305	seob6299	seob6652	seob7940
seob2559	SEOB3086	seob3966	seob5259	seob5932	seob6632	seob7031	seob7975

**27. nrribosomal protein L9 U09953 119**

FCR0069	FCR5198	hfc0359	hfc08058	MIOA8398	ncrb2265	ncrc6541	SEOA9001	seob4125
FCR0802	FCR5359	hfc0532	hfc8202	miob5897	ncrb2565	ncrc9121	SEOA9425	seob4230
FCR1036	FCR5437	hfc0950	hfc8961	miob5927	ncrb3211	ncrc9278	SEOA9631	seob5175
FCR1399	FCR6334	hfc1322	hfc9375	ncr1175	ncrb4245	ncrc9406	SEOB0496	seob7179
FCR1612	FCR6525	hfc1345	hfc9598	ncr1585	ncrb4963	ncrc9475	SEOB0759	seob7581
FCR2007	FCR6631	hfc2053	MIOA0088a	ncr3061	ncrb7856	SEOA0170a	SEOB0967	seob7704
FCR2286	FCR6975	hfc3037	MIOA0151	ncr6320	ncrb8042	SEOA2169	seob1037	SOA0264
FCR2320	FCR7237	hfc3364	MIOA0469	ncr6334	ncrc2744	SEOA3090a	SEOB1403	
FCR3665	fcrb0053	hfc5858	MIOA0910a	ncr6579	ncrc2746	SEOA4363a	SEOB1616	
FCR4134	fcrb0275	hfc6123	MIOA2527a	ncr7175	ncrc3641	SEOA5017a	SEOB1762	
FCR4198	fcrb0750	hfc6185	MIOA3038a	ncr8304	ncrc4041	SEOA5149a	SEOB2232	
FCR4326	fcrb1627	hfc6203	MIOA3253a	ncrb0123	ncrc5163	SEOA7628a	SEOB3277	
FCR4660	fcrb2260	hfc6460	MIOA6455a	ncrb0442	ncrc5526	SEOA8207	SEOB3348	
FCR5131	fcrb2486	hfc6520	MIOA7584a	ncrb0719	ncrc6247	SEOA8919	seob4064	

**28. ribosomal protein L34 (RPL34) NM\_000995.1 108**

BFC0229	fcrb2294	MIOA1016	mioa7693a	ncr7231	ncrb7056	SEOA0185a	SEOA7432a	seob2622
BFCW0375	hfc1048	MIOA1374a	MIOA8463	ncr8316	ncrb7438	SEOA0321	seoa7986	SEOB2964
CR0585	hfc1184	MIOA2856a	miob0080	ncr8715	ncrb7687	SEOA0994	seoa8088	SEOB3437
CR0808	hfc1840	MIOA3986a	miob1385	ncr9203	ncrc0184	SEOA2628	SEOA9473	seob3951
FCR1163	hfc1872	MIOA4329a	miob1806	ncrb0607	ncrc1847	SEOA2664	SEOA9797	seob3989
FCR2412	hfc2140	MIOA4623a	miob1927	ncrb2328	ncrc2432	seoa4914a	SEOA9836	seob3990
FCR4205	hfc5279	MIOA5086a	miob3452	ncrb2531	ncrc3452	SEOA5139a	SEOB0103	seob4518
FCR5338	hfc5505	MIOA5573a	miob4812	ncrb2697	ncrc3731	SEOA5147a	SEOB0491	seob5034
FCR7139	hfc7562	MIOA5847a	miob5695	ncrb4004	ncrc3905	SEOA5506a	SEOB0713a	seob5516
FCR7547	hfc7595	MIOA6086a	ncr0132	ncrb4240	ncrc4592	SEOA6219a	SEOB0978	seob5951
fcrb1336	hfc7771	MIOA6626a	ncr0379	ncrb5271	ncrc5854	SEOA6233	SEOB2147	seob7199
fcrb1370	MIOA0715	MIOA6681a	ncr1272	ncrb6009	ncrc9424	SEOA7327a	SEOB2254	seob7550

**29. "calmodulin 1 (phosphorylase kinase, delta) (CALM1) "NM\_006888.1 107**

BFCW0036n	MIOA1914a	miob0448	miob6828	ncrb5657	ncrc6932	SEOA2860	SEOA8523	SEOB2947
BFCW0056n	MIOA2391a	miob0718	miob6979	ncrb5748	SEOA0090n	SEOA3208	SEOA8805	seob5014
BFCW0276	MIOA3330a	miob0912	ncr0615	ncrb6549	SEOA0188A	SEOA3604a	SEOA9546	seob5614
CR0452	MIOA3887a	miob1759	ncr3165	ncrb6624	SEOA0323	SEOA3710a	SEOB0020	seob5650
CR0797	MIOA6083a	MIOB2324	ncr4361	ncrb7784	SEOA0430	SEOA3719a	SEOB0475	seob5657
FCR2310	MIOA6148a	miob3196	ncr4743	ncrb8355	SEOA1409a	seoa4941a	SEOB0551	seob5693
fcrb1493	MIOA7173a	miob4478	ncr5222	ncrb8705	SEOA1516	SEOA5056a	SEOB1120	seob6593
MIOA0035a	MIOA7272	miob4545	ncr7024	ncrc1087	SEOA1518	SEOA5349	SEOB1817	seob6806
MIOA0360a	MIOA8024a	miob4689	ncr7483	ncrc2504	SEOA1604a	SEOA5657a	SEOB1894	seob7162
MIOA0650	MIOA8071	miob6221	ncr7555	ncrc4785	SEOA1686a	SEOA6310	seob2545	seob7749
MIOA1090	MIOA8185	miob6255	ncr8573	ncrc6452	SEOA2502	SEOA7306a	SEOB2755	seob8155
MIOA1648a	mioa9766	miob6697	ncrb3934	ncrc6680	SEOA2766	SEOA8434	SEOB2925	SOA0650

**30. ribosomal RNA 18S X03205 103**

ncrc6547	CR1009	hfc6355	MIOA6320a	miob0779	miob6862	ncr5402	ncr8858	ncrb2773
ncrc6555	FCR0199	hfc7675	MIOA7404a	miob0816	miob6990	ncr6384	ncr8976	ncrb3520
ncrc1667	FCR3479	MIOA1351a	MIOA8128	MIOB2574	ncr1183	ncr7375	ncr9166	ncrb3879
ncrc6502	FCR3903	MIOA1700	MIOA8269	MIOB2859	ncr2394	ncr7802	ncr9463	ncrb5491
ncrc4823	FCR4287	MIOA2489a	MIOA8893	miob3601	ncr2698	ncr8157	ncr9627	ncrb6321
ncrc4915	FCR6421	MIOA2910a	MIOA8904	miob3876	ncr4539	ncr8672	ncrb0204	ncrb8176
BFCN0226	FCR6746	MIOA3065a	mioa9199	miob4968	ncr4601	ncr8823	ncrb0503	ncrc0212
BFC0228	FCR7049	MIOA3965a	miob0704	miob6246	ncr5080	ncr8845	ncrb1685	ncrc0836

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ncrc1146	ncrc1849	ncrc6173	SEOA1150a	SEOA6447a	SEOB0317	seob3945	seob6565
ncrc1184	ncrc2972	ncrc6979	SEOA1524	SEOA6504a	SEOB1771	seob5192	seob7368
ncrc1437	ncrc3198	ncrc9386	SEOA1700a	SEOA8474	SEOB2129	seob5330	SOA0131
ncrc1764	ncrc5835	SEOA1149a	SEOA5614a	SEOB0299	seob2299	seob6327	

**31. ribosomal protein L41 AF026844.1 103**

ncrc5811	FCR1531	hfc9505	miob2995	ncr5776	ncrb1173	ncrb8830	SEOA1324	SEOB2957
ncrc6095	FCR2052	hfc9990	miob3625	ncr5836	ncrb2051	ncrc0602	SEOA1692a	SEOB3436
ncrc6879	FCR2056	MIOA3321a	miob4273	ncr5838	ncrb2659	ncrc0658	SEOA3552a	seob4404
ncrc6956	FCR4450	MIOA4503a	miob6926	ncr5856	ncrb2883	ncrc0671	SEOA5242a	seob5867
BFCS0527	FCR4934	MIOA8307	ncr0669	ncr7992	ncrb3299	ncrc1599	SEOA5906	seob5926
CR0650	FCR4978	MIOA9140	ncr1212	ncr8540	ncrb3686	ncrc1727	SEOA6518a	seob6319
FCR0087	fcrb0192	mioa9611	ncr2365	ncr9200	ncrb5532	ncrc1891	SEOA7370a	seob6399
FCR0100	fcrb0441	miob0565n	ncr3327	ncr9328	ncrb6130	ncrc2850	seoa7766a	
FCR0158	fcrb2521	miob1707	ncr4146	ncrb0416	ncrb6181	ncrc3433	SEOA9339	
FCR0393	fcrb2639	MIOB2338	ncr4854	ncrb0461	ncrb6513	ncrc4723	SEOB0222	
FCR0771	hfc6038	MIOB2559	ncr5128	ncrb0797	ncrb7276	ncrc9939	SEOB0717a	
FCR1134	hfc8915	MIOB2579	ncr5478	ncrb0833	ncrb7621	SEOA0363	SEOB0821a	

**32. serine protease=HTRA serine protease (PRSS11)=AF157623.1 Y07921 101**

BFCS0081	MIOA4193	miob0729	miob6359	SEOA1743a	SEOA4742a	seoa7961	SEOB2238	seob5251
hfc5447	MIOA4264	miob0941	ncr2818	SEOA2142	SEOA5620a	seoa7998	seob2538	seob5398
hfc6311	MIOA4370a	miob1127	ncr3916	SEOA2142	SEOA6375	SEOA8263	seob2585	seob6858
hfc6405	MIOA4920a	miob2462	ncr5126	SEOA2142	SEOA6678a	SEOA9236	seob2597	SOA0488
hfc7590	MIOA5225a	miob3655	ncrb0634	SEOA2208a	SEOA6740	SEOA9634	SEOB3164	SOA0706
MIOA0732	MIOA6019a	miob3719	ncrb7771	SEOA2352a	seoa6848	SEOA9920	SEOB3196	
MIOA1145	MIOA6646a	miob3719	ncrb8720	SEOA2571	SEOA7127a	SEOB0456	SEOB3218	
MIOA1145	MIOA7249a	miob4436	ncrc5121	seoa2607mn	SEOA7210a	SEOB0768	SEOB3343	
MIOA1840a	mioa7936	miob4470	seoa0003m	SEOA3341a	SEOA7272a	SEOB0999	SEOB3435	
MIOA2913a	MIOA8957	miob4724	SEOA0354	SEOA3663a	SEOA7331a	SEOB1674	SEOB3478	
MIOA3022a	mioa9750	miob4929	SEOA0379	SEOA3668a	SEOA7561a	SEOB1825	seob4665	
mioa4151n	mioa9901	miob6108	SEOA1130a	SEOA4614a	seoa7885a	SEOB2209	seob5135	

**33. ribosomal protein S3a M77234 99**

ncrc5852	fcrb0051	hfc3864	miob0719	ncr1309	ncrb5789	ncrc3242	SEOA3792a	SEOB2079
ncrc6245	fcrb0080	hfc6710	miob1253	ncr2571	ncrb5824	ncrc3757	SEOA4108a	SEOB2969
ncrc6349	fcrb0108	hfc9581	miob3250	ncr3097	ncrb5877	ncrc3998	SEOA4368a	SEOB3591
BFCW0319	fcrb2277	MIOA0026a	miob3617	ncr3324	ncrb5971	ncrc4505	SEOA6046a	seob3698
FCR2198	fcrb2365	MIOA1718a	miob4367	ncr5088	ncrb6101	ncrc5241	SEOA6428	seob5376
FCR2868	fcrb2572	mioa7881	miob4802	ncr5230	ncrb7348	seoa0062m	SEOA7222a	seob5887
FCR2977	fcrb2629	MIOA8118	miob5734	ncr7008	ncrb8019	seoa0496m	SEOA7670a	seob6128
FCR4858	fcrb2696	MIOA8248	miob5887	ncrb2575	ncrc1787	SEOA1489	seoa8090	seob6130
FCR5523	hfc0787	MIOA8263	miob6195	ncrb3672	ncrc2452	SEOA1664a	SEOA8426	seob6201
FCR5944	hfc1873	MIOA8905	miob6212	ncrb4790	ncrc2671	SEOA2164	SEOA8710	seob8001
FCR7713	hfc3803	miob0068	ncr1200	ncrb5165	ncrc2995	SEOA3505a	SEOB1098	SOA0210

**34. "ribosomal protein, large, P0 (RPLP0) "NM\_001002.1 96**

BFCW0609	FCR1244	FCR5025	fcrb1593	hfc1825	hfc4211	hfc9225	ncr0134	ncrb0630
CR0064	FCR2646	FCR7177	fcrb1625	hfc2075	hfc6452	hfc9708	ncr0459	ncrb1496
CR0066	FCR3083	FCR7227	hfc0243	hfc2076	hfc6480	MIOA0297	ncr0586	ncrb1797
CR0729	FCR3260	FCR7253	hfc0579	hfc2502	hfc6788	MIOA1028	ncr0768	ncrb5292
FCR0316	FCR3717	fcrb0153	hfc0712	hfc2869	hfc7382	MIOA7553a	ncr1630	ncrb5580
FCR0496	FCR4167	fcrb0342	hfc0736	HFCR3237	hfc7672	MIOA8913	ncr3656	ncrb5891
FCR0543	FCR4583	fcrb1070	hfc1191	hfc3827	hfc8935	miob2401	ncr4124	ncrb6011
FCR0726	FCR4705	fcrb1164	hfc1286	hfc3995	hfc8965	miob3102	ncr4668	ncrc0529
FCR0921	FCR4810	fcrb1522	hfc1747	hfc3996	hfc9072	ncr0047	ncr8197	ncrc0980

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ncrc2542	ncrc6507	SEOA1144a	SEOA2030	SEOA3958a	SEOA6473a	seob4596	seob7126
ncrc4025	ncrc9867	SEOA1668a	SEOA2101	SEOA5460	SEOB0174	seob5961	

**35. metallothionein 1L (MT1L) NM\_002450.1 93**

ncrc6596	ncrc5918	ncr2127	ncr4788	ncr7755	ncrb1129	ncrb4132	ncrc0489	ncrc7102
ncrc6590	ncrc6014	ncr2149	ncr4969	ncr7819	ncrb1396	ncrb4293	ncrc1264	ncrc9251
ncrc3899	BFCN0136	ncr2488	ncr5174	ncr8423	ncrb1418	ncrb5543	ncrc1271	ncrc9321
ncrc4109	hfc1386	ncr2770	ncr5216	ncr8551	ncrb2074	ncrb5741	ncrc1322	ncrc9843
ncrc4821	MIOA1400a	ncr2811	ncr5423	ncr9370	ncrb2719	ncrb6155	ncrc2206	SEOA4716a
ncrc5161	miob2353n	ncr2876	ncr6182	ncr9440	ncrb3091	ncrb6547	ncrc2375	
ncrc1440	miob3396	ncr3058	ncr6748	ncr9612	ncrb3344	ncrb6727	ncrc2804	
ncrc4280	miob6171	ncr3814	ncr6995	ncr9640	ncrb3354	ncrb6776	ncrc2938	
ncrc1385	miob6216	ncr3876	ncr6997	ncrb0247	ncrb3379	ncrb7481	ncrc2941	
ncrc4717	ncr1040	ncr4548	ncr7465	ncrb0358	ncrb3581	ncrb7842	ncrc3102	
ncrc6355	ncr2098	ncr4763	ncr7503	ncrb0872	ncrb3873	ncrb8546	ncrc4346	

**36. ribosomal protein S8 (RPS8) NM\_001012.1 92**

ncrc2281	FCR2962	FCR6774	hfc10896	hfc18279	ncr7864	ncrb1326	ncrc0157	seob6651
ncrc2374	FCR3382	FCR6808	hfc1293	MIOA8984	ncr8103	ncrb1716	ncrc1068	seob7389
BFCS0299	FCR3564	FCR6821	hfc1785	miob1743	ncr8613	ncrb3524	ncrc1960	seob8158
BFCS0479	FCR3750	FCR7116	hfc1832	miob1868	ncr8860	ncrb4575	ncrc3054	SOA0417
cr0045	FCR3840	FCR7586	hfc12857	miob2938	ncr9107	ncrb4703	ncrc7153	
CR0480	FCR3977	fcrb0622	hfc13371	ncr0436	ncr9441	ncrb4901	SEOA1511	
FCR0040	FCR4505	fcrb1210	hfc13487	ncr4108	ncr9478	ncrb5399	SEOA1957	
FCR0458	FCR5064	fcrb2130	hfc14076	ncr4530	ncr9787	ncrb5431	SEOA3580a	
FCR0563	FCR5080	fcrb2432	hfc16569	ncr6807	ncrb0319	ncrb6139	SEOA3936	
FCR0902	FCR5533	hfc10699	hfc16898	ncr7177	ncrb0380	ncrb7217	SEOA5096a	
FCR1947	FCR5894	hfc10892	hfc17176	ncr7541	ncrb1280	ncrb7374	SEOB3152	

**37. ribosomal protein S6 M20020 92**

BFCS0320	fcrb0015	hfc16489	MIOA5425a	ncr2495	ncr9010	ncrc0770	SEOA3083a	seob5036
FCR0830	fcrb0745	hfc18483	MIOA7433a	ncr2727	ncr9687	ncrc1373	SEOA4171a	seob6441
FCR1415	fcrb1462	hfc18997	MIOA8112	ncr3389	ncrb0051	ncrc2700	SEOA4698a	SOA0317
FCR1483	hfc10445	hfc19195	mioa9295	ncr3460	ncrb3422	ncrc2713	SEOA5889	SOA0621
FCR3118	hfc10474	hfc19616	miob4061	ncr3765	ncrb4432	ncrc3631	SEOA7423a	
FCR3461	hfc1296	MIOA2156a	miob5431	ncr4584	ncrb5179	ncrc4353	SEOA9666	
FCR3724	hfc13034	MIOA2836a	miob6320	ncr6884	ncrb5821	ncrc6156	SEOA9990	
FCR3981	hfc13521	MIOA3231a	ncr0044	ncr7079	ncrb6185	ncrc6859	SEOB1733	
FCR4808	hfc14472	MIOA4585a	ncr0454	ncr7670	ncrb6296	ncrc9608	SEOB2001	
FCR5654	hfc16270	MIOA4837a	ncr1534	ncr7831	ncrb8667	SEOA2156n	SEOB3193	
FCR6058	hfc16442	MIOA5334a	ncr2225	ncr8892	ncrb8802	SEOA2200a	seob4277	

**38. ribosomal protein L21 U14967.1 91**

ncrc3372	hfc10846	MIOA1131	miob6681	ncrb0632	ncrc1449	SEOA3609a	SEOB0223	seob7993
ncrc3606	hfc1209	MIOA2994a	miob6752	ncrb0945	ncrc1484	SEOA4347a	SEOB1417	seob8084
ncrc1420	hfc12528	MIOA4331a	ncr3880	ncrb2128	ncrc2166	SEOA4631a	SEOB1544	SOA0017
ncrc4279	hfc12786	MIOA4949a	ncr5510	ncrb3991	ncrc2248	SEOA4660a	SEOB1958	
CR0476	hfc12923	MIOA7549a	ncr6752	ncrb4035	ncrc2749	SEOA5409	seob3749	
FCR2339	hfc15850	MIOA8037a	ncr6964	ncrb4125	ncrc4848	SEOA6297	seob3994	
FCR3306	hfc16363	mioa9193	ncr7600	ncrb4695	ncrc5416	SEOA7119a	seob4325	
FCR5792	hfc16817	mioa9646	ncr8360	ncrb6963	ncrc6745	SEOA7316a	seob4592	
FCR6062	hfc17584	miob1718	ncr9497	ncrc0179	ncrc8927	SEOA7434a	seob6137	
FCR6192	hfc19351	miob2910	ncr9592	ncrc1006	ncrc9649	SEOA7539a	seob6212	
fcrb1950	MIOA0193a	miob6403	ncrb0365	ncrc1260	SEOA0376	SEOA9549	seob7136	



**39. transmembrane protein BRI AF246221.1 90**

fcrb0049	MIOA3090a	MIOA6560a	mioa9822	miob6996	ncrc0632	SEOA1601a	SEOA7073a	SEOB2158
hfc0422	MIOA3475a	MIOA7251a	MIOB0564	ncr3871	ncrc1486	SEOA3828a	SEOA7556a	SEOB2226
hfc1123	MIOA3798	MIOA7289	miob0690	ncr5316	ncrc4137	SEOA5104a	SEOA8514	SEOB2744
hfc8791	MIOA3834	MIOA7597a	miob0731	ncr8081	ncrc4829	SEOA5384	SEOA9023	seob3956
MIOA0073a	MIOA3930a	MIOA8276	miob0959	ncr9770	ncrc6305	SEOA6025a	SEOA9925	seob4431
MIOA0159	MIOA4093a	MIOA8510	miob1246	ncrb2954	ncrc9601	SEOA6085a	SEOB0340	seob4673
MIOA0282	MIOA4378a	MIOA9066	miob1820	ncrb3002	ncrc9698	SEOA6167a	SEOB0368	seob5481
MIOA0877a	MIOA4608a	mioa9543	MIOB2277	ncrb3421	SEOA0517	SEOA6209a	SEOB0910a	seob7740
MIOA1668a	MIOA5090a	mioa9747	miob4821	ncrb5559	SEOA0922	SEOA6485a	SEOB0984	SOA0589
MIOA1753	MIOA6487a	mioa9786	miob6417	ncrb6226	SEOA1119a	SEOA6549a	SEOB1083	SOA0670

**40. ribosomal protein L13a (RPL13A) NM\_012423.1 89**

ncrc5322	FCR0383	FCR3398	fcrb0122	fcrb2103	hfc3523	hfc8819	ncr0827	ncrc6560
ncrc5392	FCR0587	FCR3922	fcrb0302	fcrb2128	hfc4464	hfc8835	ncr1141	ncrc9145
BFCN0001	FCR0684	FCR4901	fcrb0325	fcrb2736	hfc5962	hfc8926	ncr3815	ncrc9231
BFCN0042	FCR0945	FCR5852	fcrb0665	hfc0293	hfc6193	hfc9084	ncr9208	ncrc9835
BFCS0045	FCR1384	FCR6579	fcrb1348	hfc0332	hfc6289	hfc9139	ncrb4313	ncrc9836
BFCW0245	FCR1390	FCR7118	fcrb1356	hfc0390	hfc7356	hfc9327	ncrb4569	SEOA6153a
CR0016	FCR1929	FCR7130	fcrb1624	hfc0531	hfc7836	MIOA4107	ncrb5977	SEOA7283a
CR0307	FCR2062	FCR7375	fcrb1710	hfc2288	hfc8371	MIOB2271	ncrc0199	SEOA8985
FCR0146	FCR2243	FCR7391	fcrb1880	hfc2515	hfc8672	miob2518	ncrc5349	SEOB2294
FCR0242	FCR2621	FCR7694	fcrb1967	HFCR3141	hfc8738	MIOB2561	ncrc5939	

**41. ribosomal protein L37a L22154 87**

BFCN0039	FCR2475	FCR7103	fcrb1673	hfc3882	hfc6889	MIOA8018a	ncrc2239	SEOA7150a
BFCW0137	FCR2890	FCR7241	fcrb1828	hfc3905	hfc8025	MIOA9080	ncrc3259	SEOA7308a
BFCW0422	FCR3009	FCR7354	fcrb1919	hfc4037	hfc8499	miob0060	ncrc3272	SEOA7456a
CR0006	FCR3381	fcrb0106	fcrb2063	hfc5153	hfc9001	miob1853	ncrc9276	SEOA9732
CR0217	FCR3858	fcrb0322	fcrb2072	hfc5786	hfc9415	ncr7844	ncrc9390	SEOB0113
FCR0365	FCR4399	fcrb0428	fcrb2146	hfc5964	hfc9671	ncrb0175	ncrc9948	SEOB1652
FCR0614	FCR4867	fcrb0688	fcrb2440	hfc6200	MIOA0716	ncrb2365	SEOA1977a	seob6266
FCR1101	FCR5163	fcrb1058	fcrb2461	hfc6298	MIOA1063	ncrb3599	SEOA3625a	seob6567
FCR1434	FCR6170	fcrb1208	fcrb2646	hfc6572	MIOA6115a	ncrb6759	SEOA4288a	
FCR2420	FCR6618	fcrb1343	hfc3017	hfc6775	MIOA7026a	ncrc0173	SEOA6906	

**42. ribosomal protein S11 (RPS11) NM\_001015.1 87**

BFCN0109	FCR2873	fcrb2237	hfc6381	MIOA2795a	ncr1669	ncrc0656	SEOA2155	SEOB0180
BFCN0164	FCR3380	fcrb2568	hfc6702	MIOA4019a	ncr2400	ncrc1555	SEOA3855	SEOB0459
BFCS0093	FCR4898	fcrb2631	hfc7019	MIOA5358a	ncr2926	ncrc1645	SEOA4508	SEOB1623
FCR0091	FCR5168	hfc1109	hfc7224	MIOA6131a	ncr4900	ncrc2199	SEOA4775a	seob5835
FCR0598	FCR5883	hfc1316	hfc7657	MIOA6928a	ncr7041	ncrc2772	seoa4961a	seob6838
FCR1643	FCR7519	hfc2254	hfc7872	MIOA8717	ncr7765	ncrc2939	SEOA6660a	seob8314
FCR2246	fcrb1157	hfc3935	hfc9215	mioa9207	ncrb0088	ncrc3025	seoa6773	SOA0284
FCR2280	fcrb1480	hfc4031	hfc9973	mioa9707	ncrb2540	ncrc5454	seoa6991	
FCR2636	fcrb1860	hfc4565	MIOA0415a	miob6710	ncrb3602	SEOA0089n	seoa7880a	
FCR2772	fcrb2225	hfc6209	MIOA2057	ncr0387	ncrb3829	SEOA1697a	SEOA8832	

**43. cytochrome c oxidase subunit VIc (COX6C) NM\_004374.1 85**

FCR3769	MIOA0838a	MIOA7097a	miob2491	miob6222	ncr6601	ncrb7161	SEOA0758	SEOA4824a
FCR5066	MIOA1938a	mioa7874	MIOB2712	ncr2967	ncr8631	ncrc1290	SEOA1020	seoa4911a
hfc9412	MIOA3578a	MIOA8232	miob3241	ncr3799	ncr8846	ncrc3029	SEOA1663a	SEOA5028a
MIOA0139	MIOA3975a	miob1117	miob3727	ncr5381	ncrb3122	ncrc6197	SEOA2514	SEOA5030a
MIOA0367a	MIOA5326a	miob1273	miob4568	ncr5505	ncrb3410	ncrc6913	SEOA2927a	SEOA6146a
mioa0575a	MIOA5585a	MIOB1577	miob4674	ncr5560	ncrb5108	SEOA0022	SEOA4499	SEOA6194a

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SEOA6465a	seoa7972	SEOA8614	SEOA9839	SEOB1870	seob4032	seob6069	seob7665
seoa6789	seoa8058	SEOA8656	SEOB0300	SEOB2645	seob4033	seob6635	seob7957
seoa7047	SEOA8208	SEOA9176	SEOB1242	SEOB2732	seob4557	seob6767	seob8279
SEOA7302a	SEOA8209	SEOA9303	SEOB1532	SEOB3519	seob5018	seob7375	

**44. Ribosomal Protein L10 (QM Protein) (Tumor Suppressor QM) (Laminin Receptor Homolog) spP27635 85**

BFCS0048n	FCR1331	FCR5580	fcrb2057	hfc3890	hfc8838	ncr7679	ncrc9189	SEOB0707a
BFCS0058	FCR1458	FCR5629	fcrb2348	hfc3982	hfc8917	ncr8150	ncrc9223	SEOB1822
BFCS0491	FCR1742	FCR5916	hfc1156	hfc4337	hfc9853	ncrb3537	SEOA1469a	seob4010
CR0354	FCR2043	FCR6327	hfc1306	hfc5193	MIOA1095	ncrb6865	SEOA5712a	seob4394
CR0453	FCR2312	FCR6626	hfc1333	hfc5799	MIOA1720a	ncrb8056	SEOA6742	seob6398
FCR0079	FCR2778	FCR7373	hfc1661	hfc7348	MIOA2736a	ncrc3787	seoa6978	
FCR0556	FCR2823	FCR7427	hfc1669	hfc7542	MIOA4313a	ncrc4900	seoa6988	
FCR0756	FCR3733	fcrb1790	hfc2062	hfc8015	MIOA6843a	ncrc5693	SEOA8379a	
FCR0991	FCR3897	fcrb1841	hfc2310	hfc8420	MIOA8515	ncrc6119	SEOA9824	
FCR1059	FCR4690	fcrb2018	hfc3861	hfc8433	ncr7020	ncrc8940	SEOB0512	

**45. ribosomal protein L31 NM\_000993.1 84**

FCR0952	hfc5252	MIOA6805a	ncr3614	ncrb1164	ncrc1491	SEOA0839	seoa8096	seob4981
FCR3791	hfc6945	MIOA7345a	ncr3676	ncrb1463	ncrc2416	SEOA1995	SEOA8321a	seob6335
FCR4215	hfc9060	mioa7817a	ncr4958	ncrb4144	ncrc2665	SEOA2573	SEOA9947	seob6726
FCR5289	hfc9123	mioa9921	ncr5794	ncrb4991	ncrc2735	SEOA2601	SEOB0563	seob8095
FCR6400	hfc9652	miob1118	ncr6365	ncrb5373	ncrc3956	SEOA3541a	SEOB1228	
fcrb0284	MIOA3951a	miob3729	ncr7464	ncrb5989	ncrc5191	SEOA4448a	SEOB1256	
fcrb1587	MIOA4895a	miob3781	ncr7682	ncrb6220	ncrc6071	SEOA5269a	SEOB3443	
hfc1691	MIOA4974a	miob4463	ncr7709	ncrb6277	ncrc9083	seoa6762	seob3667	
hfc3439	MIOA5858a	ncr2554	ncr8349	ncrb7092	ncrc9656	SEOA6925	seob4351	
hfc4078	MIOA6151a	ncr2832	ncrb1063	ncrb7567	SEOA0555A	SEOA7345a	seob4647	

**46. annexin A2 (ANXA2)(lipocortin II) NM\_004039.1 83**

ncrc6847	fcrb0268	MIOB0541	ncr8869	ncrb8813	SEOA2035	SEOA5294a	SEOB0365	seob6800
ncrc7095	fcrb2393	miob5957	ncrb0015	ncrc0238	SEOA2118	SEOA5404	SEOB1016	seob8052
BFCN0172	hfc3839	miob6422	ncrb0253	ncrc2659	SEOA2151	SEOA5786	SEOB1209	seob8287
CR0814	hfc6846	ncr0995	ncrb1234	ncrc3859	SEOA2294a	SEOA7619a	seob2564	
FCR0148	hfc7701	ncr1134	ncrb2271	ncrc6073	SEOA2460a	SEOA8762	SEOB2781	
FCR0200	hfc7800	ncr1284	ncrb2405	ncrc6525	SEOA2707	SEOA8787	SEOB3025	
FCR0478	MIOA2109	ncr5458	ncrb2585	ncrc6591	SEOA3539a	SEOA8908	SEOB3184	
FCR2896	MIOA6230a	ncr5521	ncrb4027	ncrc7163	SEOA3849	SEOB0108	seob5555	
FCR6410	MIOA7313	ncr6850	ncrb5565	ncrc9281	SEOA3850	SEOB0129	seob5587	
FCR7071	mioa9212	ncr8200	ncrb7363	SEOA0067	seoa4906a	SEOB0236	seob5992	

**47. translationally controlled tumor protein (TCTP) X16064 82**

CR0235	FCR4950	hfc0108	MIOA4926a	ncr0604	ncrc0138	SEOA2034	SEOA7154a	SEOB3382
FCR0743	FCR5099	hfc0599	MIOA6264a	ncr2172	ncrc4170	SEOA2609	SEOA8441	SOA0249
FCR2273	FCR5935	hfc3810	MIOA6798a	ncr5164	ncrc4323	seoa2643m	SEOA8576	
FCR2735	FCR6031	MIOA0138	MIOA7320	ncr8721	ncrc8984	SEOA4492	SEOA8742	
FCR2766	FCR6303	MIOA1107	MIOA8959	ncrb0459	SEOA0044n	SEOA5510a	SEOA9701	
FCR3436	FCR6871	MIOA1884a	MIOA9120	ncrb0687	seoa0268m	SEOA5511a	SEOB1249	
FCR3530	FCR6996	MIOA2302a	mioa9200	ncrb0952	SEOA0369	SEOA5862	SEOB1523	
FCR4260	FCR7449	MIOA3619a	mioa9553	ncrb6164	SEOA0397	SEOA6282	SEOB1523	
FCR4829	FCR7719	MIOA3917a	miob2445	ncrb8101	SEOA1899	SEOA6448a	SEOB1828	
FCR4948	hfc0012	MIOA3960a	MIOB2667	ncrb8494	SEOA1987	SEOA6719	SEOB2650	

**48. RIBOSOMAL PROTEIN L17 spP18621 80**

BFCW0231	FCR1470	FCR5427	hfc7001	MIOA4123	ncr9761	SEOA0818	SEOA5842	SEOA9688
CR0875	FCR1782	FCR5460	hfc7401	MIOA6680a	ncrb2369	SEOA1344	SEOA6104a	SEOB1356
FCR0164	FCR1861	FCR6352	hfc7491	MIOA7066a	ncrb2437	SEOA2419a	SEOA6113a	SEOB2023
FCR0222	FCR1949	FCR6884	hfc7980	mioa9722	ncrb4612	SEOA3386a	SEOA6239	SEOB2028
FCR0412	FCR2883	FCR7228	MIOA0359a	miob3069	ncrb8229	SEOA3655a	SEOA6385	seob5955
FCR0596	FCR4060	fcrb1236	MIOA2383a	ncr0556	ncrc2071	SEOA3858	SEOA6440	seob6387
FCR0878	FCR4228	hfc1002	MIOA3605a	ncr1803	ncrc3041	SEOA4557	SEOA7391a	seob6889
FCR0995	FCR5093	hfc1166	MIOA3806	ncr5931	ncrc5793	SEOA5327a	SEOA9168	seob7461
FCR1321N	FCR5193	hfc5708	MIOA3823	ncr7601	SEOA0483	SEOA5815	SEOA9587	seob8311

**49. ribosomal protein S25 (RPS25) NM\_001028.1 79**

FCR1003	fcrb2444	MIOA2426a	miob0371	ncr2968	ncrc9084	SEOA4319a	SEOB0330	SEOB3474
FCR1400	hfc0974	MIOA2715a	miob1214	ncr5553	ncrc9322	SEOA5083a	SEOB0441	seob3979
FCR1436	hfc2936	MIOA5188a	miob3716	ncr8080	SEOA1878	SEOA5231a	SEOB0543	seob4303
FCR1528	hfc3072	MIOA6735a	miob4977	ncrb5680	SEOA1915	SEOA6274	SEOB0684a	seob4445
FCR4138	hfc6082	MIOA7454a	miob5094	ncrb5774	SEOA2596	SEOA6279	SEOB0858a	seob5436
FCR4851	hfc6510	MIOA7502a	miob5641	ncrb6095	SEOA3021a	seoa6962	SEOB0911a	seob6073
FCR5169	hfc6917	mioa7906	miob6744	ncrb6183	SEOA3201	seoa7057	SEOB1811	seob6787
FCR6522	hfc7507	MIOA8482	ncr0469	ncrc4055	seoa3254m	SEOA7482a	SEOB2145	seob7045
fcrb0576	MIOA0642	MIOA8487	ncr2918	ncrc5117	SEOA3776a	SEOA8630	SEOB3388	

**50. collagen type XI alpha 1 (COL11A1) NM\_001854.1 79**

BFCN0019	FCR3061	FCR6740	fcrb1959	hfc3645	hfc9803	ncr0765	ncrb8744	SEOA1078a
BFCW0067	FCR4065	FCR7338	fcrb2337	hfc3667	MIOA1616a	ncr0862	ncrc0612	SEOA3652a
CR0981	FCR4480	fcrb0295	fcrb2427	hfc4440	MIOA2398a	ncr3972	ncrc3547	SEOA3721a
FCR1183	FCR4833	fcrb0311	fcrb2700	hfc5821	mioa9888	ncr4845	ncrc3851	SEOA5863
FCR1389	FCR4999	fcrb0718	hfc0971	hfc6956	miob1059	ncr5322	ncrc4919	SEOA8846
FCR1425	FCR5251	fcrb1524	hfc2334	hfc6981	MIOB2095	ncr8476	ncrc5211	SEOB2193
FCR1964	fcr5270n	fcrb1637	hfc2833	hfc8011	miob3187	ncrb6982	ncrc5295	seob5225
FCR2008	FCR5847	fcrb1681	hfc3379	hfc8492	miob3187	ncrb7182	ncrc6628	seob6665
FCR2481	FCR5986	fcrb1857	hfc3421	hfc9540	ncr0320	ncrb7998	SEOA0779	

**51. fibromodulin (FMOD) NM\_002023.2 79**

ncrc3689	hfc0607	MIOA6171a	miob4090	ncr8395	ncrb3446	ncrb6898	ncrc5001	SEOA3929
ncrc3688	MIOA0370a	MIOA6274a	miob4738	ncr8762	ncrb3845	ncrb6927	ncrc6146	SEOA6054a
BFCW0462	MIOA0748	MIOA6465a	ncr0409	ncr9396	ncrb3853	ncrb7552	ncrc8915	SEOB0081
FCR4298	MIOA1265	MIOA6711a	ncr0975	ncr9645	ncrb5434	ncrc0681	ncrc9183	SEOB0372
FCR4577	MIOA1553	MIOA8507	ncr1035	ncrb0925	ncrb5483	ncrc1265	ncrc9366	seob2613
FCR4915	MIOA3682a	mioa9288	ncr1261	ncrb1139	ncrb5607	ncrc3028	SEOA0274	seob4593
FCR5511	MIOA4214	mioa9725	ncr2354	ncrb1189	ncrb5636	ncrc3220	SEOA0530	seob5346
fcrb0079	MIOA5535a	miob1460	ncr4525	ncrb1680	ncrb6014	ncrc3814	SEOA0815	seob6471
fcrb2318	MIOA5961a	miob3317	ncr5756	ncrb2396	ncrb6743	ncrc3984	SEOA1331	

**52. collagen type IX alpha 1 (COL9A1)(ORF) NM\_001851.1 78**

BFCN0097	FCR1975	FCR6017	fcrb0316	fcrb2508	hfc0697	hfc2916	hfc6335	hfc9124
BFCN0239	FCR3734	FCR6469	fcrb0592	fcrb2598	hfc0840	hfc3384	hfc6362	hfc9922
CR0556	FCR3934	FCR6735	fcrb1063	hfc0044	hfc0978	hfc3764	hfc6895	ncr9432
CR0794	FCR4299	FCR6874	fcrb1199	hfc0140	hfc1075	hfc3958	hfc7353	ncrb3492
FCR0150	FCR4334	FCR7008	fcrb1628	hfc0303	hfc1167	hfc4545	hfc8399	ncrb5133
FCR1323	FCR4799	FCR7124	fcrb1670	hfc0356	hfc1235	hfc4604	hfc8501	ncrc5843
FCR1330N	FCR5027	fcrb0008	fcrb1778	hfc0398	hfc1335	hfc5086	hfc8969	ncrc6823
FCR1363N	FCR5582	fcrb0072	fcrb2079	hfc0509	hfc2069	hfc5468	hfc9033	
FCR1716	FCR5920	fcrb0266	fcrb2459	hfc0639	hfc2807	hfc5756	hfc9085	

**53. thioredoxin (TXN) J04026 75**

FCR1367	MIOA3109a	mioa7827a	ncr2285	ncrc2111	SEOA3091a	SEOA6537a	SEOB0681a	seob6623
FCR3058	MIOA5049a	mioa7880	ncr6012	ncrc8909	SEOA3267	seoa6780	SEOB0743	seob7005
hfc0309	MIOA6508a	MIOA8233	ncr6585	ncrc9237	SEOA3457a	SEOA7464a	SEOB1475	seob7729
hfc3642	MIOA6525a	mioa9231	ncr8720	SEOA0315n	SEOA3545a	seoa8024	SEOB1591	
MIOA0947	MIOA6571a	mioa9868	ncrb3007	SEOA0432	SEOA3601a	SEOA9247	SEOB1890	
MIOA2278a	MIOA7079a	miob0922	ncrb4305	seoa1008m	SEOA4786a	SEOA9457	SEOB3116	
MIOA2697a	MIOA7290	miob5437	ncrb6218	SEOA1850a	SEOA5350	SEOA9591	SEOB3178	
MIOA2902a	MIOA7448a	miob5681	ncrb6455	SEOA2594	SEOA5964	SEOA9743	SEOB3321	
MIOA2958a	MIOA7508a	ncr2050	ncrc0668	SEOA2997a	SEOA6464a	SEOA9941	seob4248	

**54. ribosomal protein L37 L11567 75**

BFCN0210	FCR3548	fcrb2186	hfc04154	MIOA7049a	ncr7262	ncrc1556	SEOA6906	seob4744
BFCS0513	FCR3829	fcrb2657	hfc07688	miob1083	ncr8629	ncrc5178	SEOA9936	seob6086
BFCW0114	FCR5149	hfc0073	hfc07961	miob4794	ncr9661	ncrc5721	SEOB0390	seob7553
FCR0151	FCR7304	hfc0664	hfc07974	miob6493	ncrb2533	ncrc9220	SEOB1393	
FCR1302	FCR7305	hfc0753	hfc08859	ncr1236	ncrb2548	ncrc9904	SEOB1652	
FCR1514	FCR7354	hfc2282	hfc09555	ncr1779	ncrb2571	SEOA1391	SEOB1755	
FCR1746	fcrb0253	hfc2623	hfc09649	ncr3420	ncrb3712	SEOA2490	SEOB2197	
FCR1786	fcrb1705	HFCR3132	MIOA6216a	ncr5324	ncrb5379	SEOA4467a	SEOB2677	
FCR2443	fcrb1804	hfc3613	MIOA6421a	ncr5723	ncrc0170	SEOA5523a	SEOB3018	

**55. "ribosomal protein S4, X-linked (RPS4X) "NM\_001007.1 71**

BFCS0092	FCR3761	fcrb2510	hfc2508	hfc9644	miob0940	ncr2387	ncrb0240	SEOA3972a
BFCW0574	FCR4010	fcrb2549	hfc2563	MIOA0205a	MIOB2248	ncr3579	ncrb3959	SEOA4280a
CR0312	FCR4862	fcrb2639	hfc3947	MIOA1292	MIOB2865	ncr4082	ncrb4535	SEOA4413a
CR0505	FCR5766	hfc0351	hfc5067	MIOA8695	miob4527	ncr4705	ncrb8117	SEOB0178
FCR0248	fcrb0389	hfc0682	hfc6019	MIOA8695	miob6112	ncr5887	ncrc1627	SEOB1170
FCR1343	fcrb0963	hfc0976	hfc6887	mioa9772	ncr0330	ncr9424	ncrc2180	seob7253
FCR1858	fcrb1598	hfc2027	hfc7173	miob0761	ncr0466	ncr9491	ncrc9858	seob8252
FCR2326	fcrb1849	hfc2045	hfc7642	miob0855	ncr1916	ncrb0201	SEOA2799	

**56. "NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLRQ) (NDUFA4) "NM\_002489.1 69**

FCR0841	MIOA7558a	miob3832	SEOA0481	SEOA3466a	seoa6942	SEOA9155	SEOB1156	seob5356
FCR6689	MIOA8394	miob4329	SEOA1342	SEOA3547a	SEOA7243a	SEOA9171	SEOB1283	seob5449
FCR6961	MIOA9117	miob4896	SEOA1786a	SEOA4187a	SEOA7360a	SEOA9890	seob1679n	seob6192
hfc3816	mioa9728	ncr3341	SEOA1884	SEOA4736a	SEOA7461a	SEOB0095	SEOB2213	seob6514
hfc5659	mioa9961	ncrb2861	SEOA2453a	SEOA4773a	seoa7813a	SEOB0225	SEOB3145	seob7888
MIOA1307	miob0758	ncrc1472	SEOA2661	SEOA5547a	seoa8064	SEOB0363	SEOB3504	
MIOA5514a	MIOB2111	ncrc1727	SEOA2993a	SEOA5741a	seoa8065	SEOB0601	seob4470	
MIOA6662a	miob2985	SEOA0162a	SEOA3371a	SEOA6551a	seoa8072	SEOB1033	seob5245	

**57. ribosomal protein L3 (RPL3) NM\_000967.1 69**

BFCN0003	FCR4459	FCR6508	fcrb2071	hfc1714	hfc9439	miob6781	ncrc6720	SEOA7534a
BFCW0014	FCR4661	FCR6660	fcrb2188	hfc2513	hfc9550	ncr3906	ncrc8939	SEOB0216
FCR0555	FCR4772	FCR7448	fcrb2219	HFCR3228	MIOA1289	ncr8373	ncrc9244	SEOB3228
FCR1489	FCR4863	fcrb0681	fcrb2535	hfc6433	MIOA1633a	ncr8593	SEOA0402	seob3987
FCR1596N	FCR5014	fcrb0684	hfc0149	hfc6765	MIOA3451a	ncrc0110	SEOA2266a	seob4978
FCR1832	FCR5155	fcrb1322	hfc0798	hfc6896	miob0936	ncrc1064	SEOA2305a	
FCR2055	FCR5196	fcrb1388	hfc0933	hfc7828	miob4239	ncrc2189	SEOA7493a	
FCR4135	FCR5623	fcrb1577	hfc0940	hfc8908	miob5656	ncrc4926	SEOA7516a	

**58. LINE-1 REVERSE TRANSCRIPTASE HOMOLOG (=putative p150) spP08547****68**

ncrc4841	mioa9715	miob6928	ncr3330	ncr7951	ncrb3860	ncrc3159	ncrc6703	seob6148
ncrc5022	miob0184	ncr0422	ncr3468	ncr8310	ncrb6723	ncrc3204	ncrc7091	seob6182
hfc0882	miob0522	ncr0505	ncr5681	ncr9305	ncrb7313	ncrc3786	ncrc9267	seob6283
mioa0136m	miob0669	ncr0514	ncr5708	ncr9853	ncrb7775	ncrc4112	ncrc9309	seob6822
MIOA3911a	miob1725	ncr0525	ncr7128	ncrb0725	ncrb8499	ncrc4516	ncrc9564	
MIOA7295	miob3754	ncr3120	ncr7143	ncrb2043	ncrc0853	ncrc4551	seob1042	
mioa9386	miob6328	ncr3231	ncr7471	ncrb2239	ncrc1754	ncrc5181	seob3686	
mioa9402	miob6630	ncr3287	ncr7949	ncrb3587	ncrc3087	ncrc6672	seob5686	

**59. ribosomal protein L6 X69391****66**

FCR0265	FCR5508	fcrb2236	MIOA1529	mioa9877	ncr7770	ncrc2295	SEOA5916	seob7870
FCR1061n	FCR6827	fcrb2315	MIOA3177a	miob3620	ncrb0037	ncrc3544	SEOA7568a	seob8172
FCR2738	fcrb1088	hfc1252	MIOA4563a	miob3631	ncrb0223	ncrc3648	SEOB3316	
FCR3740	fcrb1305	hfc1778	MIOA6194a	ncr0393	ncrb6689	ncrc3648	seob5041	
FCR4019	fcrb1685	hfc5769	MIOA6799a	ncr1578	ncrb7097	SEOA1155a	seob5270	
FCR4350	fcrb1780	hfc7778	MIOA7132a	ncr2808	ncrb7185	SEOA1276a	seob5685	
FCR4497	fcrb2045	hfc9176	MIOA8936	ncr2870	ncrc0617	SEOA5059a	seob5746	
FCR4779	fcrb2105	hfc9226	mioa9762	ncr7349	ncrc0732	SEOA5545a	seob7309	

**60. ribosomal protein L32 (RPL32) NM\_000994.1****66**

BFC0083	FCR0886	fcrb2032	hfc2514	hfc9071	MIOA3608a	ncrb0488	ncrc1799	seob4964
BFC0389	FCR4652	fcrb2081	hfc2682	hfc9210	mioa9507	ncrb4083	ncrc2065	seob6094
BFCW0384	FCR4726	fcrb2092	hfc3773	hfc9471	mioa9664	ncrb4929	ncrc5204	
BFCW0605	FCR4875	fcrb2406	hfc4156	hfc9539	miob0777	ncrb6587	ncrc9397	
CR0042	FCR5201	fcrb2563	hfc5671	hfc9640	ncr2995	ncrb7604	SEOA5904	
CR0167	FCR5727	fcrb2705	hfc6091	hfc9663	ncr4816	ncrb7839	SEOB0167	
CR0231	FCR6443	hfc0558	hfc6213	MIOA0197a	ncr6019	ncrc0049	SEOB1114	
FCR0235	fcrb0037	hfc0605	hfc6865	MIOA1668a	ncr6375	ncrc0397	SEOB1184	

**61. ribosomal protein L27 (RPL27) NM\_000988.1****65**

BFCW0589	FCR4638	hfc3676	hfc9143	miob3736	ncrb4847	SEOA4009a	SEOA7083a	seob7060
cr0018n	FCR5376	hfc4166	hfc9958	miob6605	ncrb5528	SEOA4131a	seoa7753a	
FCR0890	FCR6255	hfc5037	hfc9985	ncr1992	ncrc3556	SEOA4217a	SEOA8256	
FCR2721	FCR6345	hfc5133	MIOA0698	ncr2490	ncrc6030	SEOA4838a	SEOA8256	
FCR3569	FCR7291	hfc6272	MIOA8066	ncr3363	ncrc6509	SEOA5274a	SEOB0945	
FCR3716	fcrb0327	hfc7376	MIOA8126	ncr5683	ncrc9692	SEOA5497a	seob5557	
FCR3955	hfc0089	hfc7841	MIOA8126	ncr7157	SEOA1456a	SEOA6276	seob6322	
FCR4487	HFCR3236	hfc8887	miob0789	ncr8651	SEOA3244	SEOA6461a	seob6380	

**62. reverse transCRiptase D84391****64**

hfc0882	miob1725	ncr0525	ncr5708	ncr9853	ncrc0853	ncrc4551	ncrc9309
MIOA3538a	miob3754	ncr3120	ncr7128	ncrb0725	ncrc1754	ncrc4841	ncrc9564
mioa9386	miob6328	ncr3231	ncr7143	ncrb2043	ncrc3087	ncrc5022	seob1042
mioa9402	miob6630	ncr3260	ncr7471	ncrb2239	ncrc3159	ncrc5181	seob5686
mioa9715	miob6928	ncr3287	ncr7949	ncrb6723	ncrc3204	ncrc6672	seob6148
miob0184	ncr0422	ncr3330	ncr7951	ncrb7313	ncrc3786	ncrc6703	seob6182
miob0522	ncr0505	ncr3468	ncr8310	ncrb7775	ncrc4112	ncrc7091	seob6283
miob0669	ncr0514	ncr5681	ncr9305	ncrb8499	ncrc4516	ncrc9267	seob6822

**63. asporin (ASP) (LRR class 1) NM\_017680.1****63**

SEOA2496	mioa9350	miob1075	MIOB1547	miob1952	miob3568	miob6013	miob6733	miob7035
mioa7722a	mioa9361	miob1138	miob1744	MIOB2094	miob3821	miob6458	miob6919	ncrb1583
mioa9267	miob0652	MIOB1541	miob1772	miob2889	miob4143	miob6569	miob7032	ncrb4256

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 – Page 29 of 312

ncrc1221	seoa8039	SEOA8780	seob0215n	SEOB1634	SEOB1941	seob4979	seob6284	seob6840
ncrc4009	SEOA8671	SEOA9316	SEOB0508	SEOB1677	SEOB2092	seob5136	seob6474	seob7095
seoa2496	SEOA8694	SEOB0086	SEOB0575	SEOB1776	seob4241	seob5354	seob6520	seob7492
seoa6842	SEOA8772	SEOB0112	SEOB1107	SEOB1826	seob4765	seob6278	seob6534	seob7974

**64. ribosomal protein L13 AF112214 61**

BFCN0142	FCR7167	fcrb1246	hfc3533	hfc8404	MIOA6006a	ncrb3415	SEOA1584a	seob6616
BFCN0181	FCR7431	fcrb2583	hfc4169	hfc8525	MIOA6511a	ncrb5350	SEOA3293	seob7110
BFCN0216	FCR7500	fcrb2732	hfc5435	hfc8534	mioa9789	ncrc1893	SEOA3331a	seob7990
FCR2501	FCR7643	hfc0499	hfc5742	hfc8554	miob3548	ncrc2655	SEOA5062a	seob8044
FCR2838	fcrb0063	hfc0634	hfc6436	hfc9512	ncr0796	ncrc6153	SEOA9288	seob8108
FCR4845	fcrb0155	hfc1145	hfc7708	MIOA2019	ncr4434	ncrc6522	SEOB0548	
FCR5157	fcrb0173	HFCR3206	hfc7852	MIOA4663a	ncr5152	ncrc9443	SEOB0600	

**65. Ribosomal protein L4 NM\_000968.1 61**

BFCS0487	FCR6274	hfc6558	miob5649	ncr6815	ncrb5268	ncrc2391	SEOA0121	SEOA9030
FCR0500	FCR7020	hfc7492	ncr0056	ncrb1065	ncrb5780	ncrc2795	seoa0767m	seob3911
FCR0580	hfc0700	hfc7981	ncr0588	ncrb2550	ncrb6679	ncrc3086	SEOA1847a	seob4054
FCR1218	hfc2860	hfc9257	ncr2141	ncrb4648	ncrb7625	ncrc4536	SEOA3918	seob7114
FCR1386	hfc3483	mioa9255	ncr4070	ncrb5090	ncrb8104	ncrc6692	SEOA5850	seob7575
FCR1735	hfc3762	MIOB2311	ncr4661	ncrb5173	ncrc0899	ncrc7174	SEOA7275a	
FCR4879	hfc5690	miob3796	ncr5677	ncrb5195	ncrc1923	ncrc9002	seoa8030	

**66. ribosomal protein S29 L31610.1 59**

CR0835	FCR5996	hfc7397	miob0047	ncr1388	ncrb2676	SEOA1644a	SEOA4343a	SEOA9923
FCR0342	fcrb0048	hfc8285	miob0695	ncr4424	ncrb4605	SEOA2088	SEOA4429a	SEOB2268
FCR2984	fcrb1360	hfc9634	miob0906	ncr5084	ncrb5634	SEOA2341a	SEOA4531	seob5210
FCR3877	fcrb1372	hfc9775	miob4438	ncrb0545	ncrc0480	SEOA2433a	SEOA4855a	
FCR5409	fcrb2621	MIOA5949a	miob6150	ncrb1739	ncrc0835	SEOA2529	SEOA5730a	
FCR5416	HFCR3167	MIOA6463a	ncr0253	ncrb1977	ncrc5559	seoa2782n	SEOA8365a	
FCR5744	hfc3584	MIOA8586	ncr0307	ncrb2133	ncrc9894	SEOA3872	SEOA8555	

**67. ribosomal protein L7a (surf 3) large subunitM36072 58**

CR0292	FCR5327	hfc0540	HFCR3191	MIOA6125a	ncr2532	ncrc0633	SEOA6482a	seob4128
FCR0850	FCR5421	hfc0856	hfc5895	mioa9460	ncr5626	ncrc1864	SEOA6578a	seob7666
FCR1817	FCR5683	hfc1385	hfc6068	miob3731	ncr7001	ncrc4027	SEOA9124	
FCR2164	FCR6582	hfc1784	hfc6907	miob5118	ncr7979	ncrc4662	SEOA9639	
FCR4011	fcrb0735	hfc1789	MIOA3200a	miob5861	ncr9865	ncrc5109	SEOB1631	
FCR4039	fcrb2080	hfc1901	MIOA3730a	ncr0503	ncrb4390	ncrc6681	SEOB2216	
FCR5047	hfc0384	HFCR3152	MIOA4487a	ncr1651	ncrb5591	SEOA3041a	SEOB3483	

**68. transforming growth factor beta-induced, 68kD (TGFBI) "NM\_000358.1 58**

FCR1324"	ncr5219	SEOA2298a	SEOA3796a	SEOA5218a	SEOA7347a	SEOA9356	SEOB2275	seob6500
FCR3283	ncrc1237	seoa2576m	SEOA3906	SEOA5407	SEOA7424a	SEOA9493	SEOB3047	seob7572
hfc3625	ncrc3047	SEOA3015a	SEOA4655a	SEOA5591a	SEOA7911a	SEOA9733	SEOB3115	
MIOB2862	ncrc5571	SEOA3296	SEOA4755a	SEOA6003a	SEOA8708	SEOB0110	SEOB3192	
miob5796	SEOA1251A	SEOA3458a	SEOA4799a	SEOA6006a	SEOA8969	SEOB0151	SEOB3307	
miob6897	SEOA1600a	SEOA3473a	SEOA5069a	SEOA6158a	SEOA9145	SEOB0465	seob4133	
ncr2025	SEOA2236a	SEOA3583a	SEOA5217a	seoa7024	SEOA9297	SEOB0970	seob5157	

**69. ribosomal protein L30 L05095.1 57**

ncrc3521	CR0296	FCR0963	FCR6117	fcrb2493	hfc1279	HFCR3212	hfc7426	hfc9160
ncrc3617	CR0587	FCR2784N	FCR6872	fcrb2602	hfc2267	hfc3872	hfc8413	hfc9784
BFCN0270	FCR0159	FCR5850	fcrb2143	hfc0257	HFCR3194	hfc4494	hfc8945	MIOA3332a

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MIOA3955a	miob0952	ncr9147	ncrb5470	ncrc3999	SEOA4887a	SEOB1458	SOA0002
MIOA4217	ncr3598	ncrb1231	ncrc0553	SEOA0957	SEOA5601a	SEOB1471	SOA0473
MIOA5663	ncr6079	ncrb2177	ncrc2711	SEOA3967a	SEOA7143a	SEOB1496	
miob0045	ncr8767	ncrb2576	ncrc3196	SEOA4789a	SEOA7479a	seob7948	

**70. ribosomal protein S12 X53505**

**57**

BFCN0203	FCR3270	fcrb0025	fcrb1497	hfc6693	MIOA1587	ncrb2424	ncrc2556	SOA0347
BFCS0314	FCR4686	fcrb0156	fcrb1700	hfc6805	mioa7858	ncrb2692	ncrc3749	
BFCW0072	FCR4945	fcrb0221	fcrb2632	hfc7063	miob7036	ncrb4310	seoa1017m	
BFCW0372	FCR6109	fcrb0315	fcrb2737	hfc7408	ncr2762	ncrb4753	SEOA4041a	
FCR0055	FCR6428	fcrb1076	hfc0657	hfc7537	ncr4970	ncrb5760	SEOA5967a	
fcr0063n	FCR7102	fcrb1166	hfc2806	hfc7644	ncr6819	ncrc0025	SEOA6746	
FCR2716	FCR7625	fcrb1482	hfc3892	hfc9594	ncrb0375	ncrc1216	SEOA9067	

**71. ribosomal protein L23 NM\_000978.1**

**55**

BFCS0007	fcrb1414	hfc7082	ncr3372	ncrb3708	ncrc0190	ncrc2924	SEOB1171
CR0028	fcrb1533	hfc7520	ncr3431	ncrb4203	ncrc1121	ncrc2958	seob3662
CR0275	fcrb1554	hfc8513	ncr4005	ncrb4672	ncrc1147	ncrc4856	seob4438
FCR1138	fcrb1844	hfc9036	ncr7080	ncrb5176	ncrc1352	ncrc9467	seob4867
FCR4605	fcrb2247	mioa9808	ncr7095	ncrb6617	ncrc1467	SEOA6873	seob4872
FCR4700	hfc4054	ncr0742	ncrb1419	ncrb7787	ncrc2168	SEOA6926	seob5284
fcrb0326	hfc5011	ncr2450	ncrb1995	ncrb8132	ncrc2516	SEOA9268	seob5424

**72. ribosomal protein S13 NM\_001017.1**

**55**

BFCN0256	fcrb2586	hfc7670	MIOA8714	ncr6681	SEOA6214a	SEOA9404	SEOB2981
CR0941	fcrb2689	hfc7932	miob1202	ncr6870	SEOA6496a	SEOA9573	seob3969
FCR0586	hfc0946	hfc9610	miob4654	ncrb5584	SEOA6667a	SEOA9895	seob5488
FCR2807	hfc1810	MIOA0330n	miob5859	ncrb7473	SEOA6720	SEOB0107	seob6005
FCR3656	hfc5469	MIOA6099a	ncr0926	ncrb7759	SEOA7501a	SEOB0624	seob6784
FCR4037	hfc6927	MIOA6170a	ncr2363	ncrc7139	seoa8082	SEOB1869	seob8164
FCR6479	hfc7031	MIOA8677	ncr5093	SEOA5810	SEOA8571	SEOB2078	

**73. "hexabrachion (tenascin C, cytactin) (HXB) "NM\_002160.1**

**55**

fcrb2028	miob0111	ncrb4081	SEOA0480	SEOA6331	SEOA9341	SEOB2053	seob5533
hfc0679	miob1389	ncrb7059	SEOA1296a	seoa7021	SEOA9558	SEOB2082	seob5838
hfc6406	MIOB1519	ncrc0973	SEOA2357a	seoa7959	SEOA9882	SEOB2225	seob5956
hfc6627	miob3932	ncrc0999	SEOA4599	seoa7968	SEOB0293	SEOB3281	seob6378
MIOA0613a	ncr0025	SEOA0179a	SEOA5093a	seoa8009	SEOB1685	SEOB3447	seob7144
MIOA2181a	ncrb0076	SEOA0218a	SEOA5366	SEOA8620	SEOB1781	SEOB3584	SOA0442N
MIOA2246a	ncrb1455	SEOA0460	SEOA6079a	SEOA9325	SEOB1935	seob4389	

**74. ribosomal protein S24 M31520**

**54**

CR0682	FCR3912	fcrb1286	hfc6040	MIOA1654a	miob3637	ncr6633	SEOA4352a	SEOA9827
FCR0161	FCR5082	hfc0815	hfc8029	MIOA5416a	miob4409	ncr7525	SEOA4494	SEOA9843
FCR0193	FCR5213	hfc1688	hfc8277	MIOA7536a	miob6201	ncrb8345	SEOA7395a	SEOB1917
FCR1971	FCR5870	hfc4174	hfc9277	mioa9623	ncr0323	ncrc1358	seoa7846a	seob4523
FCR2813	FCR6136	hfc4816	hfc9896	mioa9700	ncr3055	ncrc4163	SEOA8560	seob4866
FCR3430	FCR6932	hfc5082	MIOA0246a	miob1713	ncr5725	SEOA1087a	SEOA9089	seob8072

**75. cartilage link protein (CRTL1) U43328.1**

**54**

ncrc4577	FCR0818	fcrb0409	hfc0979	hfc5807	hfc8602	ncr0193	ncr3922	ncr7451
ncrc4602	FCR2128	fcrb1038	hfc2918	hfc7538	hfc9366	ncr0935	ncr5056	ncr7788
BFCN0006	FCR6309	fcrb1853	hfc4100	hfc8053	MIOA9154	ncr0985	ncr6991	ncr9362
CR0196	FCR6669	hfc0638	hfc4438	hfc8584	miob0708	ncr2987	ncr7109	ncr9395



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ncr9551	ncr9811	ncrb1555	ncrb5231	ncrc1005	ncrc4201	ncrc6252	ncrc6804	ncrc4602
ncr9566	ncrb0423	ncrb2864	ncrb8053	ncrc1610	ncrc4924	ncrc6679	ncrc4577	SEOA8956

**76. "actin, beta (ACTB) "NM\_001101.2 53**

BFC0541	FCR0233	FCR6433	hfc05579	miob6242	ncr7430	ncrb4668	ncrb7747	ncrc4876
CR0054	FCR0767	fcrb0617	hfc06706	ncr2461	ncr8795	ncrb5255	ncrb8144	ncrc9113
CR0359	FCR2620	hfc0305	hfc06900	ncr3648	ncrb0064	ncrb5509	ncrb8159	SEOA9991
CR0873	FCR3097	hfc02832	MIOA2341a	ncr5377	ncrb0567	ncrb6755	ncrb8323	SEOB0709a
CR0944	FCR4029	HFCR3125	MIOA2621	ncr6931	ncrb2169	ncrb7282	ncrc1603	seob5132
CR1028	FCR4755	hfc04325	MIOA7237a	ncr7407	ncrb4442	ncrb7284	ncrc1719	

**77. Ribosomal protein L36 (=RPL44)AF077043.1 53**

BFCN0045	FCR1503	FCR6206	hfc08568	mioa9590	ncr0097	ncrb4370	seoa7851a	seob4623
BFCN0202n	FCR2123	FCR7286	hfc08976	miob0139	ncr0847	ncrb6223	SEOB0585	seob5429
FCR0099	FCR2543	fcrb1449	MIOA3482a	miob3799	ncr2270	ncrb8088	SEOB1267	seob7061
FCR0558	fcr3368n	fcrb1923	MIOA3912a	miob3894	ncr3305	ncrc2298	SEOB1596	seob7264
FCR0855	FCR4617	fcrb2739	MIOA5618a	miob4540	ncr4575	ncrc2976	SEOB2954	seob7466
FCR1203	FCR4872	hfc0980	MIOA6960a	miob6079	ncr6711	SEOA4202a	SEOB2967	

**78. ribosomal protein S17 M13932 52**

BFCN0222	FCR2769	fcrb2403	hfc0977	hfc06084	miob0829	ncr4754	ncrb7749	SEOA9500
CR0050	FCR4781	fcrb2434	hfc1290	hfc06919	miob4009	ncr6756	ncrb8512	SEOB1433
CR0414	FCR6358	hfc0363	hfc02081	hfc09441	miob6646	ncrb6716	ncrc2035	seob3647
CR0590	FCR6532	hfc0625	hfc02713	hfc09609	ncr0697	ncrb7004	SEOA2797	seob6105
fcr1019nn	fcrb1579	hfc0632	hfc02935	MIOA3987a	ncr1219	ncrb7221	seoa7870a	
FCR1771	fcrb2016	hfc0813	HFCR3218	MIOA6057a	ncr3787	ncrb7353	SEOA9471	

**79. cytokine-like protein C17 NM\_018659.1 51**

ncrc3898	miob2535	ncr1310	ncr3855	ncr7165	ncrb1094	ncrb4927	ncrc1080	ncrc5090
ncrc4120	miob2963	ncr2140	ncr3859	ncr8805	ncrb1488	ncrb4939	ncrc1700	ncrc5444
mioa7725a	miob3172	ncr2480	ncr4721	ncr8879	ncrb1671	ncrb6021	ncrc2323	ncrc5871
MIOA9129	miob3774	ncr2708	ncr5349	ncr9169	ncrb2739	ncrb7176	ncrc2881	
mioa9529	miob5605	ncr2854	ncr5976	ncrb0117	ncrb3147	ncrc0120	ncrc4179	
miob1268	ncr0269	ncr3483	ncr6769	ncrb0721	ncrb3851	ncrc0437	ncrc4284	

**80. PRO2003 AF116679.1 51**

ncrc2304	hfc0863	hfc07648	hfc09706	ncr5471	ncrb2836	ncrc0213	SEOB1777	seob5987
ncrc2307	hfc0893	hfc07953	hfc09915	ncr9022	ncrb3389	ncrc0910	SEOB2111	seob6329
ncrc3994	hfc02499	hfc08001	miob0264	ncr9343	ncrb6969	ncrc3257	SEOB2276	seob7459
ncrc4141	hfc06104	hfc08210	miob6220	ncrb0677	ncrb7780	ncrc9515	seob4314	
ncrc4476	hfc06542	hfc08910	ncr1797	ncrb2135	ncrb7836	SEOB0080	seob5004	
ncrc4593	hfc06725	hfc09559	ncr2467	ncrb2834	ncrb8723	SEOB1463	seob5541	

**81. prothymosin alpha M14630 51**

CR0302	FCR3466	hfc01734	MIOA2416a	miob1793	ncrb6724	SEOA2613	SEOA9772	seob6179
CR0768	FCR5068	HFCR3097	MIOA3296a	miob5650	ncrc0481	SEOA4152a	SEOA9944	seob6795
FCR0469	FCR6419	HFCR3148	MIOA4615a	miob6633	ncrc4208	SEOA6138a	SEOA9978	SOA0630
FCR0611	fcrb0952	hfc04600	MIOA5169a	ncr1756	ncrc7100	SEOA6683a	SEOB0522	
FCR1133	fcrb1532	hfc08455	miob0457	ncr2091	ncrc8969	SEOA7329a	SEOB3176	
FCR3022	hfc01133	hfc08906	miob0688	ncr8485	ncrc9527	SEOA9322	seob5676	

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**82. tumor rejection antigen (gp96) 1 (TRA1) X15187****51**

FCR2424	hfc2017	MIOA5601a	MIOB2798	miob5436	ncr8443	SEOA0899	SEOA9754	seob7485
FCR4949	hfc3736	MIOA6103a	miob3367	miob6085	ncr8848	seoa1357m	SEOA9919	seob7970
FCR5092	hfc4140	MIOA6704a	miob3975	miob6175	ncrb5222	SEOA2148n	SEOB1422	SOA0327
FCR7473	hfc5481	MIOA7467a	miob4069	miob6184	ncrc2842	SEOA3353a	seob6151	
FCR7642	MIOA2495a	MIOA8468	miob4412	miob6763	ncrc3133	SEOA6403	seob6549	
fcrb1656	MIOA2777a	miob0951	miob4883	ncr7371	ncrc5240	SEOA8275	seob7328	

**83. "actin, gamma 1 (ACTG1) "NM\_001614.1****51**

BFC50504	FCR0595	fcrb0427	hfc3576	hfc6740	hfc9960	ncrb1137	ncrc9679	seob6869
BFCW0404	FCR2311	fcrb1075	hfc4467	hfc6797	MIOA8852	ncrb2109	ncrc9850	seob7563
BFCW0558	FCR2503	fcrb1487	hfc4476	hfc7025	miob0933	ncrb7748	SEOA0412	SOA0673
FCR0273	FCR3102	fcrb1937	hfc5166	hfc8387	miob3532	ncrc0240	SEOA5639a	
FCR0438	FCR3478	hfc1183	hfc6471	hfc8409	ncr6706	ncrc0623	SEOA6908	
FCR0525	FCR3637	hfc3491	hfc6619	hfc9933	ncr9365	ncrc4043	seob5705	

**84. ferritin heavy chain L20941.1****50**

FCR6907	MIOA5974a	ncr6856	SEOA0589a	SEOA2861	SEOA4496	seoa6960	SEOA9191	seob8263
fcrb0752	miob1004	ncr9053	SEOA1715a	SEOA3043a	SEOA4539	seoa6965	SEOB3562	seob8333
hfc1741	miob2883	ncrb1223	SEOA1919n	seoa3177m	SEOA5126a	SEOA7227a	seob3681	
hfc9236	miob2961	ncrb3177	SEOA2019	SEOA3573a	SEOA5165a	seoa8115	seob5030	
MIOA5834a	miob3041	ncrb6581	SEOA2238a	SEOA4032a	SEOA6228	SEOA8690	seob5347	
MIOA5930a	ncr5675	SEOA0581	SEOA2241a	SEOA4495	SEOA6257	SEOA8691	seob7869	

**85. PRO2853 AF119905.1****50**

ncrc6233	miob0751	ncrb0660	ncrb1530	ncrb4708	ncrc0297	ncrc3873	ncrc9561	seob6864
ncrc7150	miob1376	ncrb0759	ncrb2189	ncrb4836	ncrc0399	ncrc4670	ncrc9703	seob7315
mioa7731a	miob2945	ncrb1235	ncrb2601	ncrb6809	ncrc0561	ncrc5067	ncrc9804	
mioa9306	miob3459	ncrb1300	ncrb3152	ncrb7647	ncrc1632	ncrc5910	SEOB1109	
mioa9758	miob4938	ncrb1394	ncrb3165	ncrb7987	ncrc2580	ncrc6356	SEOB2762	
miob0742	miob6344	ncrb1487	ncrb3522	ncrc0263	ncrc3304	ncrc9005	SEOB3079	

**86. ribosomal protein L5 U76609****48**

BFCW0010	FCR4848	fcrb1390	hfc4122	MIOA8734	miob4246	ncrb2963	SEOB1903	
CR0394	FCR5515	hfc0494	hfc5240	miob1093	miob6302	ncrb7950	seob3692	
CR0874	FCR5987	hfc1208	hfc8222	MIOB2121	miob6386	ncrc1138	seob3972	
FCR0332	FCR7697	hfc1272	hfc8452	MIOB2789	ncr1492	ncrc3238	seob4595	
FCR2853N	fcrb1035	hfc1682	hfc9774	miob4056	ncr5412	ncrc9912	seob4864	
FCR4096	fcrb1138	hfc2509	MIOA6875a	miob4211	ncrb1521	SEOA1118a	seob7667	

**87. nribosomal protein L26 X69392****48**

bfcw0519	FCR5982	hfc1112	MIOA1704a	miob2515	ncrb2182	seoa4905a	SEOB0278	
CR0351	FCR6554	hfc1225	MIOA1780	miob3428	ncrb6350	SEOA6501a	SEOB0646a	
CR0532	FCR6916	hfc2743	MIOA2056	miob3454	ncrb6976	SEOA6533a	SEOB1528	
FCR0868	fcrb1730	hfc3589	MIOA2332a	miob4406	ncrc5956	SEOA7171a	SEOB2643	
FCR4049	hfc0962	hfc9444	MIOA3991a	miob5941	ncrc9294	seoa7859a	SEOB3118	
FCR4578	hfc1093	hfc9704	MIOA5747a	ncrb1141	SEOA4119a	SEOA9571	seob4349	

**88. "ribosomal protein, large, P1 (RPLP1) "NM\_001003.1****48**

BFCW0055	CR0861	FCR1286	FCR3492	FCR4264	FCR7069	fcrb1647	hfc1875	hfc4027
BFCW0412	FCR0667	FCR1831	FCR3812	FCR4340	fcrb0204	fcrb2174	hfc3542	hfc5767
CR0283	FCR0729	FCR2186	FCR4095	FCR5330	fcrb1313	hfc0922	hfc3588	hfc6675
CR0859	FCR1117N	FCR2694	FCR4232	FCR6800	fcrb1505	hfc1074	hfc3651	hfc7578

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hfc7866	hfc9661	MIOA1273	miob1255	SEOA4147a	seob6226
hfc9473	hfc9696	MIOA1790	ncr0336	SEOB3513	seob7978

**89. ribosomal protein L11 L05092.1 48**

BFCW0433	FCR2602	fcrb1541	hfc3869	MIOA6598a	ncr7355	ncrb7480	SEOA5534a
CR0545	FCR3500	hfc0573	hfc5796	ncr2533	ncrb0789	ncrc1008	SEOA6566a
CR0830	FCR4655	hfc1894	hfc6105	ncr3037	ncrb2295	ncrc2731	SEOA8322a
FCR0167	FCR4842	hfc1896	hfc6522	ncr3083	ncrb3967	ncrc4222	SEOB0912a
FCR0471	FCR7248	hfc2588	hfc8362	ncr3874	ncrb6272	ncrc4419	seob2548
FCR1540	FCR7477	hfc2628	hfc9731	ncr4339	ncrb7479	SEOA1885	seob8315

**90. "guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 (GNB2L1) "NM\_006098.1 48**

FCR0068	FCR2537	hfc0338	hfc8458	miob1071	ncr8620	ncrb5828	ncrc1735
FCR0603	FCR2633	hfc0399	hfc8507	ncr2251	ncrb2728	ncrb6304	ncrc2045
FCR0765	FCR4805	hfc3802	hfc9053	ncr3962	ncrb3965	ncrb6391	ncrc4250
FCR1289	fcrb1688	hfc5246	MIOA1401a	ncr5713	ncrb4362	ncrc1152	SEOA3128a
FCR1466	fcrb1925	hfc6291	MIOA9171	ncr5758	ncrb4487	ncrc1200	seoa7861a
FCR2096	fcrb2086	hfc7018	miob0932	ncr6203	ncrb4934	ncrc1204	seob3908

**91. vitamin A responsive cytoskeleton related (JWA) NM\_006407.2 47**

MIOA0651	MIOA6790a	MIOB2216	ncr0376	ncrc0387	SEOA1289a	SEOA8380a	seob6827
MIOA1315a	MIOA7042a	miob2420	ncr2407	ncrc4304	SEOA1784a	SEOA9197	seob7310
MIOA2681a	MIOA7194a	miob3029	ncr2413	ncrc5456	SEOA2439a	SEOA9517	seob7541
MIOA3400a	MIOA7246a	miob3457	ncr2442	ncrc6712	SEOA3816a	SEOA9791	seob8040
MIOA5825a	MIOA8806	miob5724	ncrb2543	ncrc6908	SEOA4734a	SEOB1085	soa0240n
MIOA6569a	miob0794	miob6274	ncrb2617	SEOA0336	seoa7058	SEOB1337	

**92. HSPC312 (ORF) = AF161428.1 (=HSPC310)AF161430 47**

MIOA1274m	miob3060	ncr2595	ncr7344	ncrb4119	ncrc2448	ncrc6670	SEOB3066
miob0100	miob3656	ncr3182	ncr7350	ncrb4347	ncrc2953	ncrc7049	SEOB3514
miob1291	miob5122	ncr3989	ncr9923	ncrb6046	ncrc3813	ncrc9877	seob3699
miob1869	miob5762	ncr5115	ncrb2076	ncrb7830	ncrc3928	SEOA4771a	seob7027
miob2402	ncr1390	ncr5176	ncrb2748	ncrb7914	ncrc4317	SEOA9480	seob7744
miob2436	ncr2560	ncr5477	ncrb3902	ncrb8016	ncrc4428	SEOA9572	

**93. H factor 1 (complement) (HF1) NM\_000186.1 47**

FCR4832	MIOA6523a	miob1113	ncr1313	ncr7734	ncrc0663	ncrc9585	SEOB1216
MIOA0119	MIOA7036a	MIOB2080	ncr5158	ncr8426	ncrc1852	SEOA4625a	seob4628
MIOA1338a	miob0465	miob6360	ncr5182	ncrb4282	ncrc3002	SEOA5210	seob6372
MIOA2593a	miob0692	miob6948	ncr5401	ncrb6766	ncrc6363	SEOA7182a	seob6426
MIOA4422	miob0709	miob6978	ncr6099	ncrb7494	ncrc6476	SEOB0200	seob7338
MIOA6504a	miob1111	miob7041	ncr6912	ncrb8592	ncrc6936	SEOB0972	

**94. mimecan (OGN) (OIF) AF202167.1 45**

FCR5442	MIOA2568a	miob3974	miob5983	ncrb5896	seoa6793	SEOA8250	SEOB3214	seob6287
MIOA0852a	MIOA5495a	miob3980	miob6107	SEOA2992a	seoa6802	SEOA9718	SEOB3245	seob6713
MIOA1588	MIOA7387a	miob4952	miob6295	SEOA3954a	SEOA7427a	SEOA9909	seob3718	seob8240
MIOA1841a	mioa9465	miob5001	miob6776	SEOA4828a	SEOA7597a	SEOB1081	seob4882	SOA0121
MIOA2415a	mioa9991n	miob5063	miob6848	SEOA5869	seoa7704a	SEOB1505	seob6218	SOA0256

**95. "S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) (S100A4) " gi4506764 44**

hfc9607	mioa7809a	miob3176	ncr4603	ncrb3097	ncrc4492	seoa4916a	SEOA8418	seob5333
MIOA5003a	MIOA8229	miob6915	ncr5163	ncrc0506	ncrc4844	SEOA6170a	SEOA9037	seob5358
MIOA6456a	MIOA8842	ncr0184	ncr8139	ncrc0512	ncrc6478	SEOA6894	SEOA9758	seob6018
MIOA6540a	miob0016	ncr0347	ncr8280	ncrc2974	ncrc9115	seoa7740a	SEOB1119	seob6747
MIOA6878a	miob0661	ncr2603	ncrb2310	ncrc4228	ncrc9469	SEOA8193a	seob4697	

**96. annexin I (lipocortin I) (ANX1) =X05908 (ORF) NM\_000700.1 44**

MIOA4681	miob1144	miob6267	ncrb8153	SEOA4421a	SEOA8765	SEOB0182	SEOB3077	seob4737
MIOA4682	miob1443	ncr2764	ncrc1587	SEOA4510	SEOA8920	SEOB0694a	SEOB3508	seob5733
MIOA5996a	miob3338	ncr3620	ncrc3589	SEOA4561	SEOA9429	SEOB1150	SEOB3576	seob6644
MIOA8978	miob3822	ncr6739	ncrc4011	SEOA4636a	SEOA9838	SEOB2284	seob3756	SOA0340
miob0431	miob5843	ncr7042	ncrc5982	seoa7739a	SEOA9927	SEOB2734	seob3943	

**97. glyceraldehyde 3-phosphate dehydrogenase (GADPH)J02642 44**

BFCN0082	FCR0905	FCR1777	FCR3113	FCR6586	fcrb2285	hfc92318	hfc96340	hfc99317
BFCW0520	FCR1515N	FCR1891	FCR3705	FCR7546	fcrb2494	hfc92864	hfc96855	miob4702
CR0685	FCR1516	FCR2240	FCR4159	fcrb0710	hfc90405	hfc93524	hfc97453	ncrb2952
FCR0310	FCR1729	FCR2283	FCR4860	fcrb1584	hfc91711	hfc93936	hfc97845	ncrc4936
FCR0755	FCR1772	FCR2688	FCR5194	fcrb1900	hfc91859	hfc96120	hfc98879	

**98. ribosomal protein L27A AB020236.1 44**

BFCW0194	FCR3185	FCR6429	fcrb1391	hfc92221	HFCR3190	hfc96994	ncr6910	ncrb5446
BFCW0258	FCR3868	FCR6751	fcrb2254	hfc92271	hfc93405	hfc97069	ncr7368	ncrc4888
CR0469	FCR4626	FCR6894	hfc90569	hfc92793	hfc93991	hfc97436	ncr8555	SEOB0042
FCR1818	FCR4783	FCR6960	hfc92071	hfc92837	hfc93994	hfc98887	ncr8813	seob7953
FCR3092	FCR6389	FCR7206	hfc92074	hfc93015	hfc94527	MIOA6389a	ncrb5445	

**99. HSPC310 (=HSPC312) AF161428.1 44**

MIOA1274 m	miob3060	ncr2595	ncr5477	ncrb2748	ncrb7830	ncrc3813	ncrc7049	SEOB3066
miob0100	miob3656	ncr3182	ncr7344	ncrb3902	ncrb7914	ncrc3928	ncrc9877	SEOB3514
miob1291	miob5762	ncr3989	ncr7350	ncrb4119	ncrb8016	ncrc4317	SEOA4771a	seob3699
miob2402	ncr1390	ncr5115	ncr9923	ncrb4347	ncrc2448	ncrc4428	SEOA9480	seob7027
miob2436	ncr2560	ncr5176	ncrb2076	ncrb6046	ncrc2953	ncrc6670	SEOA9572	

**100. "calmodulin 2 (phosphorylase kinase, delta) (CALM2) "NM\_001743.1 43**

MIOA4349a	MIOA6831a	miob1860	miob3925	miob5683	ncr3101	ncrc5420	SEOA4137a	seob3862
MIOA4903a	MIOA6891a	miob1860	miob3945	miob5852	ncr7322	ncrc5420	SEOA4741a	seob4267
MIOA5237a	mioa9624	miob3025	miob4048	miob5868	ncr9323	SEOA0129	SEOA5470a	seob5979
MIOA5257a	miob0055	miob3025	miob4203	miob5962	ncrb3028	SEOA2708	SEOB0082	
MIOA5684	miob1747	miob3272	miob4335	miob6050	ncrb3028	SEOA3862	SEOB0082	

**101. ribosomal protein L39 D79205 43**

FCR0169	fcrb1442	hfc90588	MIOA0909a	ncrb0203	ncrc2237	SEOA1576a	SEOB2249	seob4528
FCR4623	fcrb2397	hfc94463	MIOA1466	ncrb0676	ncrc3575	SEOA2383a	SEOB2265	seob5190
FCR7745	fcrb2433	hfc95670	MIOA3141a	ncrb2887	ncrc4675	seoa7729a	SEOB3211	seob6270
fcrb0093	fcrb2727	hfc96113	MIOA6469a	ncrb4817	ncrc5035	SEOA9773	SEOB3491	
fcrb0418	hfc90527	hfc96803	ncr0178	ncrc1387	ncrc5546	SEOB1785	seob3937	

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**102. ascent-polypeptide-associated complex alpha polypeptide (NACA) NM\_005594.1****43**

BFCW0500n	hfc7955	MIOA6720a	miob1801	ncrb4406	SEOA1089a	SEOA4848a	SEOA9335	SEOB3122
FCR4155	MIOA2196a	MIOA8169	miob2463	ncrc2607	SEOA1200A	SEOA7105a	SEOA9832	SEOB3278
FCR6870	MIOA2899a	mioa9297	miob4817	ncrc2971	SEOA1451a	SEOA8438	SEOB1282	seob7977
fcrb2218	MIOA3466a	miob1000	miob7039	ncrc4852	SEOA4554	SEOA8524	SEOB2746	
hfc71318	MIOA5983a	miob1267	ncrb2888	ncrc9274	SEOA4719a	SEOA9110	SEOB2793	

**103. ribosomal protein L44 (RPL44)NM\_001001.1****42**

BFCN0045	FCR4872	hfc70872	MIOA3912a	miob3799	ncrb6223	seoa7851a	SEOB2954	seob7264
BFCN0202n	FCR7465	hfc70980	MIOA5618a	miob3894	ncrb8088	SEOA9692	SEOB2967	seob7466
FCR0099	fcrb1449	hfc71192	MIOA6960a	miob4540	ncrc2298	SEOB0585	seob4623	
FCR1203	fcrb1923	hfc78976	mioa9590	miob6079	ncrc2976	SEOB1267	seob5429	
FCR2543	fcrb2739	MIOA3482a	miob0139	ncr3305	SEOA4202a	SEOB1596	seob7061	

**104. ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52) gi4507760****42**

FCR1156	hfc78751	ncr0856	ncr5947	ncr8504	ncrb2211	ncrb8366	ncrc5588	SEOA2256a
fcrb2195	hfc79421	ncr2763	ncr6957	ncrb0543	ncrb2283	ncrc1308	ncrc6359	SEOA7124a
hfc72641	MIOA6428a	ncr5097	ncr7877	ncrb1157	ncrb3887	ncrc3328	ncrc7039	
hfc75099	ncr0272	ncr5519	ncr7888	ncrb1596	ncrb5153	ncrc4065	ncrc9400	
hfc75626	ncr0411	ncr5863	ncr8089	ncrb2146	ncrb5242	ncrc4634	ncrc9980	

**105. BFCN0171cartilage matrix protein (CMP) geneM55682.1****42**

BFCN0501	FCR0537	FCR2673	FCR4415	FCR6900	fcrb2212	hfc73954	hfc76327	hfc79028
BFCW0329	FCR0976	FCR3169	FCR5724	fcrb0121	hfc72626	hfc74662	hfc76557	
CR0256	FCR1017	FCR3839	FCR5973	fcrb1122	hfc72950	hfc75095	hfc76671	
FCR0322	FCR1119	FCR4097	FCR6498	fcrb1133	hfc73631	hfc76033	hfc76842	
FCR0353	FCR2178	FCR4404	FCR6739	fcrb2015	hfc73652	hfc76275	hfc78946	

**106. TSC-22 protein U35048****42**

fcrb0349	hfc76448	MIOA5175a	miob1797	ncr1247	ncrb3821	ncrc5347	SEOA5264a	seob4041
hfc71866	hfc76635	MIOA6889a	MIOB2751	ncr1471	ncrb8237	ncrc5607	SEOA7394a	seob8258
hfc72723	hfc79358	MIOA7092a	MIOB2875	ncr4524	ncrb8665	ncrc6092	SEOA9623	
hfc73050	MIOA0245a	mioa9403	miob6391	ncr4640	ncrc1704	ncrc7008	SEOB0596	
hfc75167	MIOA2648	miob0277	miob6739	ncr4787	ncrc2593	SEOA4366a	seob3680	

**107. "mitochondrial genes for several tRNAs (Phe, Val, Leu) and 12S and 16S ribosomal RNAs "V00710.1****42**

miob1690	ncrb1220	ncrb1436	ncrb3324	ncrb6400	ncrb7449	ncrb8234	ncrc0920	ncrc9849
ncrb0803	ncrb1243	ncrb1485	ncrb3434	ncrb6504	ncrb7660	ncrc0260	ncrc0926	ncrc9972
ncrb0943	ncrb1318	ncrb1486	ncrb3504	ncrb6590	ncrb7753	ncrc0267	ncrc0934	
ncrb1115	ncrb1363	ncrb2658	ncrb3841	ncrb6650	ncrb7855	ncrc0556	ncrc9671	
ncrb1152	ncrb1380	ncrb3304	ncrb6360	ncrb6858	ncrb8215	ncrc0580	ncrc9673	

**108. ribosomal protein S19 M81757.1****41**

BFCN0037n	FCR1529	FCR4873	fcrb1664	hfc70159	HFCR3168	hfc76007	hfc79267	SEOB2959
FCR0683	FCR2893	FCR7307	fcrb1846	hfc71059	hfc73386	hfc76749	hfc79667	
FCR0731	FCR3139	FCR7310	fcrb2309	hfc72049	hfc74126	hfc76976	ncrc1894	
FCR0853	FCR4078	FCR7742	fcrb2601	HFCR2366	hfc75801	hfc77446	ncrc9747	
FCR0900	FCR4355	fcrb1192	hfc70063	hfc72595	hfc75861	hfc78379	SEOA9992	

**109. "ribosomal protein S28, yeast homologue "D14530****41**

BFCN0255	BFCW0587	CR0599	FCR1257	FCR2685	FCR4365	FCR6147	FCR7000	FCR7168
BFCN0462	CR0526	CR0699	FCR2308	FCR3920	FCR6122	FCR6760	FCR7034	FCR7414

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FCR7609	fcrb1722	fcrb2165	hfc0766	hfc3603	hfc6354	hfc8536	SEOA2162
FCR7721	fcrb1827	hfc0196	hfc1232	hfc5849	hfc6975	hfc8984	SEOA6195a
fcrb0104	fcrb2085	hfc0238	hfc1436	hfc5868	hfc8519	ncrc9724	

**110. deleted in split hand/split foot 1 (DSS1) U41515 41**

MIOA0646	MIOB2153	miob5866	ncrb7169	SEOA0602a	SEOA2356a	SEOA6568a	SEOA9852	seob5511
MIOA6044	miob2373	ncr1473	ncrc2124	SEOA1015n	SEOA3194	SEOA6601a	SEOA9995	
miob0520	miob3941	ncr7455	ncrc2132	SEOA1034a	SEOA4501	SEOA7090a	SEOB1346	
miob0868	miob5496	ncr7995	ncrc6920	SEOA1176a	SEOA4651a	SEOA9128	SEOB3296	
miob1915	miob5776	ncrb4629	SEOA0574a	SEOA1370	SEOA6062a	SEOA9428	seob4414	

**111. ribosomal protein L35a NM\_000996.1 41**

BFCW0311	FCR6322	hfc6342	mioa9208	ncr5184	ncrc5016	SEOA3133a	SEOA7581a	soa0291n
FCR0017	FCR7198	hfc6730	miob5439	ncrb0446	ncrc8837	SEOA4643a	SEOB0524	
FCR0092	fcrb1913	hfc7554	ncr1724	ncrb5455	SEOA1098a	SEOA5113a	SEOB3225	
FCR0498	hfc1655	hfc9270	ncr3339	ncrc2970	SEOA1284a	SEOA5317a	seob4663	
FCR0560	hfc4470	MIOA6888a	ncr4709	ncrc3982	SEOA1637a	SEOA5324a	seob6052	

**112. cytochrome c oxidase subunit VIIb Z14244 41**

FCR1855	mioa1218m	MIOA7188a	miob6127	ncrc7107	SEOA3961a	SEOA6213a	seob4415
FCR4849	MIOA1456	MIOA7392a	ncrb3935	seoa0348m	SEOA4790a	SEOA6673a	seob4454
hfc7418	MIOA1733	miob3141	ncrc1745	SEOA2018	SEOA5078a	SEOA7198a	seob5911
hfc8919	MIOA2188a	miob3921	ncrc1772	SEOA3919	SEOA5087a	SEOA9977	seob5995
MIOA0388a	MIOA7113a	miob3993	ncrc2368	SEOA3920	SEOA5316a	SEOB3535	seob7186

**113. hH3.3B gene for histone H3.3 Z48950.1 41**

FCR1836	FCR7196	MIOA4335a	miob6622	ncrb2649	ncrc3395	SEOA5628a	SEOB2031	SOA0251
FCR4015	FCR7406	MIOA4611a	ncr0547	ncrb3172	ncrc3900	SEOA6258	SEOB3175	
FCR4207	fcrb2487	MIOA6839a	ncr3664	ncrb5585	ncrc6405	SEOA9789	seob5866	
FCR4730	hfc7068	miob2490	ncr6903	ncrc0334	SEOA3422a	SEOB1402	seob6700	
FCR6611	hfc9690	miob3989	ncrb1585	ncrc1980	SEOA4502	SEOB1649	seob7119	

**114. RIBOSOMAL PROTEIN L10A (CSA-19)(RPL10A) P53025 40**

BFCN0010	FCR3550	fcrb2334	hfc6561	MIOA6783a	ncr0643	ncrb0736	SEOA0417
BFC05533	FCR4164	hfc0403	hfc6828	MIOA6843a	ncr4765	ncrb2016	SEOA1026
FCR0227	FCR6548	hfc0465	hfc9527	mioa9213	ncr7194	ncrb5004	SEOB3368
FCR1652	fcrb0277	hfc1906	MIOA4509a	miob0654	ncr8770	ncrc0228	seob5067
FCR3193	fcrb1226	hfc3609	MIOA6652a	miob6742	ncrb0452	ncrc0330	seob5851

**115. ribosomal protein S15a X84407 40**

BFCN0273	FCR2491	FCR7245	hfc0780	hfc6517	ncr0869	ncrc4372	SEOA5357
BFCW0180	FCR4108	FCR7331	HFCR3094	hfc7722	ncr2234	ncrc4500	SEOA7925a
BFCW0588	FCR5245	fcrb1191	HFCR3254	hfc8559	ncrb2077	ncrc9263	SEOA8722
CR0831	FCR6523	hfc0491	hfc3781	MIOA3693a	ncrb8678	ncrc9560	SEOB0511
FCR1349	FCR7147	hfc0636	hfc6001	MIOA3735a	ncrb8682	SEOA3966a	SEOB3383

**116. ribosomal protein L15 NM\_002948.1 40**

FCR5807	hfc1156	hfc2062	hfc3982	hfc7348	hfc9853	ncr7679	ncrc9223
fcrb1790	hfc1333	hfc2310	hfc4279	hfc7542	MIOA4695	ncr8150	seoa6978
fcrb1841	hfc1661	HFCR3145	hfc4337	hfc8015	MIOA4890a	ncrc4539	seoa6988
fcrb2018	hfc1669	hfc3861	hfc5193	hfc8838	mioa9279	ncrc4900	SEOB3275
fcrb2757	hfc1803	hfc3890	hfc5799	hfc8917	miob3809	ncrc8940	seob6398

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**117. eukaryotic translation initiation factor 3 (EIF3S6) (=INT6) NM\_001568.1 40**

fcrb1837	miob1448	hfc0493	hfc3540	MIOA6315a	ncr0582	ncrc2097	SEOA7334a
ncrc5088	ncr0582	hfc0556	hfc3588	miob0784	ncrb0473	ncrc5088	SEOA9855
hfc2945	ncrb8727	hfc2945	hfc6866	miob1448	ncrb1337	SEOA5577a	SEOB1357
hfc3485	seob7245	hfc3485	hfc8591	miob4352	ncrb1514	SEOA7086a	SEOB1986
MIOA6315a	miob4352	hfc3509	hfc8963	miob4606	ncrb8727	SEOA7122a	seob7245

**118. ribosomal protein L23a U43701 38**

ncrc5074	fcrb2002	MIOA5247a	miob5089	ncrb0478	ncrb7076	ncrc6307	SEOA5099a
ncrc5142	fcrb2753	MIOA5894a	miob5980	ncrb1113	ncrb7240	ncrc6619	seoa5395n
FCR1913	hfc0629	MIOA6364a	ncr1090	ncrb4549	ncrb7665	ncrc9088	seoa5757an
FCR2143	hfc7840	miob0153	ncr2051	ncrb4644	ncrb8062	ncrc9167	SEOA8330a
fcr3146	hfc9840	miob0845	ncr4037	ncrb4645	ncrb8699	SEOA0429	SEOB0092
FCR3555	MIOA2444a	miob1461	ncr4373	ncrb4700	ncrc0158	SEOA0817	SEOB1653
FCR3728	MIOA3515a	miob3611	ncr9521	ncrb4857	ncrc3699	SEOA0893	SEOB2113
FCR4062	MIOA4631a	miob4258	ncr9875	ncrb6314	ncrc4068	SEOA3080a	seob6770

**119. KIAA0005D13630 38**

MIOA1858m	MIOA8211	miob2946	miob4910	ncr3544	SEOA2957a	SEOB0840a	seob6320
MIOA4111	MIOA8634	miob2967	miob4966	ncr3550	SEOA3653a	SEOB2729	seob6323
MIOA5459a	MIOA9029	miob3606	miob6341	ncr5208	SEOA4294a	SEOB3063	seob6429
MIOA5543a	miob0590	miob3838	miob6955	ncrb3322	SEOA5999a	seob4609	
MIOA7322	miob1832	miob4529	ncr1757	ncrc5149	SEOA8749	seob5475	

**120. collagen type XI alpha2 (COL11A2) U41068.1 38**

BFCS0313	BFCW0457	FCR3037N	FCR7702	hfc0348	hfc8414	hfc9446	ncrb5688
BFCS0393	FCR0205	FCR5986	fcrb0338	hfc0357	hfc8468	hfc9465	ncrc1439
BFCS0468n	FCR0450	FCR6284	fcrb1150	hfc0536	hfc8921	hfc9631	ncrc9320
BFCS0520n	FCR1183	FCR6584	fcrb1479	hfc4180	hfc9300	hfc9929	
BFCW0389	FCR2580	FCR7175	fcrb2179	hfc5757	hfc9437	ncrb1699	

**121. "transcription elongation factor B (SIII), polypeptide 1-like (TCEB1L) "NM\_003197.2 38**

hfc7245	miob2917	ncr2397	ncr7565	ncrb3532	ncrc5576	seob4568	seob7478
mioa0740m	miob2922	ncr2805	ncr8305	ncrc1877	ncrc7196	seob5428	seob7584
MIOA4595a	miob3455	ncr4000	ncr8482	ncrc1883	ncrc9332	seob5605	SOA0369
MIOA5593a	ncr1480	ncr4101	ncrb2749	ncrc2475	SEOA4816a	seob6006	
MIOA5776a	ncr1720	ncr5540	ncrb3369	ncrc3358	SEOB3092	seob7097	

**122. "lysosome-associated protein, transmembrane - 4alpha (=D14696.1 Human KIAA0108) "U34259.1 38**

BFCS0270	hfc9427	MIOA4951a	miob6219	ncrc0855	SEOA2844	SEOA9821	seob5940
FCR3890	MIOA0038a	MIOA8794	ncr1743	ncrc5950	SEOA4862a	SEOB0605	seob7187
FCR4020	MIOA3786	mioa9897	ncrb2628	ncrc9127	SEOA7646a	SEOB1984	seob7923
fcrb0160	MIOA4007a	miob3977	ncrb2897	SEOA0826	seoa8159	SEOB2726	
hfc6554	MIOA4256	miob4194	ncrb8558	seoa0993m	SEOA8588	seob4479	

**123. SUI1 isolog AF083441.1 38**

FCR2362	hfc4136	miob1161	ncr2000	ncr9517	ncrb1361	ncrc1742	SEOA9334
hfc0156	hfc5187	miob2512	ncr3835	ncr9517	ncrb1547	ncrc1742	SEOA9334
hfc3415	hfc5187	miob2512	ncr3835	ncrb1183	ncrb1547	ncrc8841	SEOB2034
hfc3415	MIOA0181	MIOB2568	ncr8251	ncrb1183	ncrb6091	ncrc8841	
hfc4136	miob1161	ncr2000	ncr8251	ncrb1361	ncrb6091	SEOA1956	



**124. small nuclear ribonucleoprotein polypeptide G (SNRPG) X85373 37**

hfc1695	MIOA9068	SEOA3227	SEOA6109a	SEOA9768	seob4374	seob6499	seob8174
MIOA3352a	miob3268	SEOA3688a	SEOA6460a	SEOB0836a	seob4739	seob7004	seob8254
MIOA4475a	miob4146	SEOA3810a	seoa7850a	SEOB0845a	seob4811	seob7049	
MIOA6765a	SEOA0167a	SEOA4686a	SEOA8647	SEOB0983	seob4833	seob7089	
mioa7895	SEOA0564A	SEOA5684a	SEOA9559	SEOB3069	seob5931	seob7501	

**125. N1-phosphatidylinositol-4-phosphate 5-kinase S78798.1 37**

FCR2492	hfc10489	hfc10761	hfc10805	hfc10899	hfc11397	hfc14012	hfc14334
hfc10040	hfc10735	hfc10762	hfc10820	hfc10993	hfc12018	hfc14159	hfc14351
hfc10379	hfc10748	hfc10768	hfc10868	hfc11331	hfc14002	hfc14171	
hfc10391	hfc10757	hfc10790	hfc10884	hfc11376	hfc14006	hfc14220	
hfc10456	hfc10758	hfc10792	hfc10887	hfc11394	hfc14008	hfc14327	

**126. ribosomal protein L38 Z26876 37**

FCR0398	hfc15123	MIOA6090a	ncr0479	ncrc4894	SEOA4781a	SEOB3174	seob6376
FCR3949	hfc15602	MIOA6674a	ncr9840	ncrc8956	SEOA5081a	SEOB3338	seob8308
fcrb0608	hfc18832	miob2399	ncrb0902	ncrc9647	seoa7014	seob5164	
fcrb2709	MIOA0364a	miob3242	ncrb8766	SEOA0385	SEOB0989	seob5181	
hfc13492	MIOA3284a	miob3410	ncrc4026	SEOA4151a	SEOB1725	seob6169	

**127. "cartilage intermediate layer protein, CILP "AB022430.1 37**

HFCR3276	MIOA3341a	MIOB2082	miob5775	ncr6641	SEOA2906a	SEOB0417	SOA0399
MIOA1366a	MIOA3923a	MIOB2622	miob6191	ncrb6308	SEOA3793a	SEOB1165	SOA0545
MIOA2049	mioa9474	miob3195	miob6831	ncrb7277	seoa6816	seob4869	
MIOA2298a	miob0671	miob3252	ncr2979	SEOA0239a	seoa7045	seob6863	
MIOA3110a	miob1909	miob3425	ncr4832	SEOA0435	SEOA9483	seob7212	

**128. collagen type VI alpha 3 (COL6A3) NM\_004369.1 36**

FCR7098	hfc16167	miob4254	ncrb1171	SEOA2061	SEOA5142a	SEOB1610	seob5581	seob7451
FCR7602	mioa9618	miob4588	ncrc1483	SEOA2082	SEOA8493	SEOB2235	seob6393	seob7711
hfc13692	mioa9836	ncr1047	SEOA1360	SEOA3350a	SEOA9381	seob2315	seob6425	seob8018
hfc15140	miob1384	ncr6959	SEOA1442a	SEOA4504	SEOB0068	seob3642	seob6470	seob8329

**129. ribosomal protein S18 X69150.1 36**

BFCN0120	FCR0920	FCR3151	FCR6538	FCR7725	fcrb2326	hfc10689	hfc11659	hfc18990
BFCN0280	FCR1253	FCR3795	FCR6826	fcrb1184	fcrb2492	hfc10733	hfc11916	miob1182
CR0938	FCR1375	FCR5380	FCR6964	fcrb1797	hfc10093	hfc10975	hfc12218	ncr7308
FCR0417	FCR1558	FCR6323	FCR7360	fcrb2030	hfc10189	hfc11393	hfc18754	seob5044

**130. F1-ATPase epsilon-subunit (ATP5E) AF052955.1 33**

fcrb1103	miob1689	miob6334	ncr3715	ncrc1088	SEOB0133	seob2317	seob5104	seob7538
hfc12699	miob4171	miob6884	ncr5416	ncrc4885	SEOB0476	SEOB2660	seob6221	
hfc19038	miob4846	ncr0384	ncrb7466	seoa7869a	SEOB1233	SEOB3333	seob6307	
miob0444	miob6205	ncr2417	ncrb8509	SEOA8727	SEOB1786	seob4832	seob7443	

**131. NADH dehydrogenase X81900 33**

hfc10678	MIOA1191n	ncr1506	ncr4605	ncr6331	ncr8017	ncr8689	SEOA1202A	SEOA3547a
hfc15996	MIOA6101a	ncr2398	ncr5195	ncr6746	ncr8169	ncr9504	SEOA2407	SEOA6036a
(=mitochondr	MIOA6662a	ncr2629	ncr6047	ncr7396	ncr8568	ncrc2579	SEOA2954a	seob5642
ial genome)	ncr1256	ncr3143	ncr6128	ncr7857	ncr8640	SEOA0481	SEOA3371a	

**132. ribosomal protein L12 L06505****33**

BFCN0205	hfc1742	hfc4475	MIOA4139	ncr6287	ncrb7207	seoa2022n	SEOB1288	seob7949
BFCS0232	hfc1885	hfc4615	MIOA8966	ncr6832	ncrb7613	SEOA7416a	seob4302	
FCR1078	hfc2064	hfc4766	miob5477	ncrb1965	ncrc1429	SEOB0867a	seob4459	
FCR4737	hfc3984	hfc6135	ncr2170	ncrb5368	SEOA1737a	SEOB1261	seob7349	

**133. BFCN0105ribosomal protein S5 (RPS5) NM\_001009.1****33**

BFCS0055	FCR2149	FCR4669	FCR6168	fcrb2557	hfc2501	hfc6543	MIOB2805
CR0055	FCR2256	FCR5966	FCR6651	hfc0681	hfc2578	hfc7045	ncr4119
FCR1609	fcr3375n	FCR6066	FCR7163	hfc1846	hfc2961	hfc7809	ncrc1059
FCR1930	FCR4324	FCR6152	fcrb2161	hfc1870	hfc2975	hfc9637	SEOA0405

**134. cytoskeletal gamma-actin X04098****33**

FCR0438	fcrb1075	hfc3576	hfc6471	hfc7025	miob0933	ncrb2109	ncrc4043	seob7563
FCR2503	fcrb1487	hfc4467	hfc6619	hfc8387	miob3532	ncrb7748	ncrc9679	
FCR3102	hfc1183	hfc4476	hfc6740	hfc8409	ncr6706	ncrc0240	ncrc9909	
fcrb0427	hfc3491	hfc5166	hfc6797	MIOA8852	ncr9365	ncrc0623	SEOA6908	

**135. androgen receptor associated protein 24 (ARA24) (=AF054183 GTP binding protein)AF052578****33**

FCR0288	FCR6517	MIOA1674a	miob1953	SEOA1302a	SEOA3644a	SEOA5900	SEOB0519	seob5296
FCR2417	FCR6577	MIOA4792a	miob3175	SEOA2183a	SEOA3930	SEOA6467a	SEOB0848a	
FCR3772	fcrb2317	MIOA5729a	miob6209	SEOA2686	SEOA3931	SEOA8605	SEOB1907	
FCR5127	hfc9736	MIOA9062	ncrc5877	seoa2691m	SEOA4246a	SEOB0263	seob4485	

**136. collagen type IX alpha 3 (COL9A3) AF026802.1****32**

BFCW0515	FCR2886	FCR4500	FCR7468	hfc1406	hfc4118	hfc7761	ncr5121
FCR0477	fcr3141	FCR4819	fcrb0312	HFCR3243	hfc5882	hfc9970	ncrb2643
FCR2080	FCR3660	FCR5271	hfc0226	HFCR3282	hfc6780	ncr1265	ncrb4813
FCR2319	FCR3799	FCR6336	hfc1148	hfc4035	hfc7464	ncr2830	ncrb6579

**137. "cytochrome c oxidase, liver specific (EC 1.9.3.1.) "X15822****32**

FCR5121	MIOA1511	MIOA7077a	miob3919	ncr8299	SEOA2255a	SEOA7397a	SEOB2757
FCR6754	MIOA3452a	MIOA8045a	miob4390	SEOA0367n	SEOA4708a	seoa8046	seob4679
fcrb0703	MIOA4975a	miob1124	ncr2262	SEOA1086a	SEOA5167a	SEOB1795	seob6809
hfc2767	MIOA6756a	MIOB2553	ncr3535	SEOA1688a	SEOA5574a	SEOB2074	seob7929

**138. tubulin betaAF070561****32**

BFCW0529	FCR2349	FCR5760	hfc3517	hfc4480	mioa2130m	mioa9421	ncrb3423
CR0300	FCR2722	FCR7108	hfc3796	hfc5555	MIOA2890a	ncr0326	ncrc2912
FCR0485	FCR4373	hfc1648	hfc3913	hfc6092	MIOA6624a	ncr8267	SEOB1124
FCR2122	FCR4938	hfc1787	hfc4114	mioa0991nn	MIOA8975	ncr9473	seob5640

**139. nmyosin regulatory light chain X54304****31**

BFCS0421	fcrb1969	miob0433	ncr3691	SEOA1463a	SEOA6099a	SEOB0697a	SEOB2629
FCR4304	hfc9608	miob7008	ncr3993	SEOA2343a	SEOA6298	SEOB0729	SEOB2771
FCR4640	MIOA5885a	ncr0678	ncr5207	SEOA3300	SEOA7398a	SEOB1440	seob6765
fcrb1242	mioa9849	ncr3311	SEOA0740	SEOA4562	SEOA8842	SEOB1535	

**140. ribosomal protein L19 X63527****31**

FCR1522	FCR3746	FCR6957	fcrb0030	fcrb1811	fcrb2477	hfc3464	hfc8003	MIOA8627
FCR1626	FCR3793	FCR7025	fcrb1581	fcrb2447	hfc2592	hfc7612	hfc9542	mioa9853

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miob4197	ncrb2426	SEOA5201a	SEOA7605a	SEOA8748	seob6042	seob6602
ncrb1897	ncrc5237	seoa7001	SEOA7656a	SEOB3058	seob6238	

**141. ribosomal protein S3 (RPS3) NM\_001005.1 31**

BFCN0075	FCR1273	FCR2281	fcrb0039	hfc1865	hfc17506	miob0662	SEOA1035a
BFCN0502	FCR1604	FCR2918	fcrb1054	hfc2328	MIOA1233	miob6972	SEOA5669a
CR0253	FCR1740	FCR5477	hfc0857	HFCR3252	MIOA1481	ncr1855	SEOA9880
FCR0260	FCR1759N	FCR7136	hfc1857	hfc5987	miob0370	ncr5622	

**142. "clusterin (CLU) SP40,40 (=M63379 TRPM-2 protein) "NM\_001831.1 31**

fcrb1155	miob0446	ncr0114	ncr4415	ncr9673	ncrc1669	SEOA3766a	seob4926
MIOA0543	miob2404	ncr1339	ncr7093	ncrb0412	ncrc9539	SEOA3824a	SOA0440
MIOA2797a	miob5969	ncr3207	ncr7160	ncrb2846	SEOA2140	SEOA8238	SOA0544
mioa9401	miob6902	ncr3352	ncr8225	ncrb3488	SEOA2977a	SEOA8446	

**143. ribosomal protein L18 (RPL18) NM\_000979.1 31**

FCR0320	FCR3626	FCR5922	fcrb1619	hfc2632	hfc4187	hfc7051	ncr0289
FCR0798	FCR3658	FCR6176	fcrb2543	hfc2921	hfc4461	hfc7415	seoa7890a
FCR1655	FCR4765	FCR6970	hfc2024	HFCR3119	hfc4482	hfc9718	seob6522
FCR2067	FCR5834	fcrb0671	hfc2622	hfc3944	hfc6504	hfc9942	

**144. nephropontin (=X13694.1 osteopontin) M83248.1 31**

ncrc5787	ncr3988	ncrc6287	SEOA2924a	SEOA6005a	seoa7053	seob3901	seob7498
ncrc6085	ncr4513	SEOA0527	SEOA3923	SEOA6031a	SEOA7080a	seob5406	SOA0083
ncrc5779	ncrb6852	SEOA1300a	SEOA4576	SEOA6876	SEOB1095	seob7243	SOA0583
ncrc6057	ncrc2011	SEOA2278a	SEOA5284a	seoa7003	SEOB2733	seob7495	

**145. "ribonuclease, RNase A family, 1(pancreatic) (RefSeq aa 9e-73) "NP\_002924.1 31**

fcrb2007	ncr0820	ncr2636	ncr8064	ncrb2094	ncrc0549	ncrc2869	ncrc9859
ncrc6055	ncr2039	ncr3496	ncrb0135	ncrb4001	ncrc1134	ncrc4974	SEOA4325a
ncrc6253	ncr2343	ncr5432	ncrb1334	ncrb5267	ncrc1134	ncrc5867	SEOA5267a
ncr0174	ncr2455	ncr7331	ncrb1615	ncrc0358	ncrc2862	ncrc6500	

**146. Tubulin alpha isoform 1 AF081484 30**

FCR1795	FCR7188	hfc0102	hfc7099	mioa0991nn	ncrb7237	SEOA6216a	SEOB1260
FCR2929	fcrb1539	hfc0693	hfc8782	MIOA5966a	SEOA0824	SEOA6420	seob6818
FCR6333	fcrb1618	hfc1298	hfc9141	ncrb1285	seoa3475an	SEOA9454	
FCR6909	hfc0006	hfc6235	hfc9403	ncrb4045	SEOA6010a	SEOB0450	

**147. ribosomal protein S23 (RPS23) =D14530 (ORF) NM\_001025.1 30**

BFCN0135	hfc5192	MIOA4720	ncr4205	ncrb3926	ncrc3707	SEOA3648a	seob8069
FCR5091	hfc5765	MIOA7015a	ncr4684	ncrb7037	ncrc4503	SEOA6250	SOA0282
hfc0538	hfc5999	miob0955	ncr5220	ncrc1749	ncrc4746	SEOB2194	
hfc1117	hfc9928	ncr2349	ncrb1471	ncrc2596	ncrc5528	seob5567	

**148. T-cell cyclophilin Y00052 30**

FCR1368	FCR4681	fcrb1523	hfc5034	hfc9100	ncr0099	SEOA0588a	seob5128
FCR1627	FCR5391	hfc2645	hfc6252	hfc9717	ncrb3852	SEOA1756a	seob8194
FCR2480	FCR7032	hfc2802	hfc8411	MIOA3009a	ncrb6939	seoa7970	
FCR3402	fcrb0625	hfc3770	hfc9086	mioa9204	ncrc3978	seob4379	

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**149. ribosomal protein L22 (RPL22) NM\_000983.1****30**

BFCW0280	hfc0376	miob3816	ncr6816	ncrb2344	ncrc2681	SEOA2885n	SEOB3168
CR0936	hfc0708	ncr0412	ncr9448	ncrb3805	ncrc5041	SEOA5524a	SEOB3295
FCR1365	MIOA3236a	ncr0640	ncr9456	ncrb6877	ncrc9016	seoa7707a	
fcrb0582	mioa9526	ncr6040	ncrb0703	ncrc0756	SEOA2877	seoa7801a	

**150. ribosomal protein L35 U12465****30**

BFCN0059	FCR0077	FCR2499	FCR7328	hfc2684	hfc6301	hfc9015	ncrb5697
BFC0297	FCR1325	FCR3049	fcrb0360	hfc2730	hfc6374	hfc9817	SEOA0747
BFCW0403	FCR1656N	FCR4332	fcrb1557	hfc3779	hfc7543	hfc9880	
BFCW0436	FCR2142	FCR4473	hfc2534	hfc5998	hfc7625	ncr5143	

**151. "ribonuclease, RNase A "NM\_002937.1****30**

ncrc6055	ncr0820	ncr2636	ncr8064	ncrb2094	ncrc0549	ncrc4974	SEOA4325a
ncrc6253	ncr2039	ncr3496	ncrb0135	ncrb4001	ncrc1134	ncrc5867	SEOA5267a
fcrb2007	ncr2343	ncr5432	ncrb1334	ncrb5267	ncrc2862	ncrc6500	
ncr0174	ncr2455	ncr7331	ncrb1615	ncrc0358	ncrc2869	ncrc9859	

**152. collagen lysyl hydroxylase isoform 2 (PLOD2) U84573****30**

FCR5085	miob0240	miob2475	ncrb4358	ncrc9078	SEOA3747a	SEOA8633	seob7196
hfc7472	MIOB2126	MIOB2587	ncrb6691	SEOA0977	SEOA3752a	SEOB1823	seob7512
MIOA5244a	MIOB2240	ncr0800	ncrb7447	SEOA2509	SEOA5368	seob5353	
mioa5668n	MIOB2305	ncrb0840	ncrc8982	seoa3271n	seoa7848a	seob5515	

**153. heterogeneous nuclear ribonucleoprotein A1 (HNRPA1) NM\_002136.1****29**

FCR7133	hfc1136	hfc5440	hfc7867	miob1188	ncrb5479	ncrc6718	seob6874
BFC0207n	hfc1144	hfc6516	hfc9017	ncr0471	ncrb6072	SEOB0126	
fcrb2000	hfc1683	hfc6587	MIOA8719	ncr5859	ncrc2816	seob3894	
fcrb2624	HFCR3235	hfc6641	MIOA9040	ncrb4766	ncrc3013	seob6324	

**154. "ATP synthase, H transporting, mitochondrial F0 complex, subunit e (RefSeq aa 1e-33) "NP\_009031.1****29**

MIOA6076a	ncr2795	ncrb0054	ncrc1917	ncrc4548	SEOA0811	SEOA5960	seob7622
MIOA6360a	ncr6036	ncrb1493	ncrc2205	ncrc4947	SEOA1220A	SEOA6546a	
MIOA7461a	ncr6041	ncrb3252	ncrc2365	ncrc6411	SEOA2269a	SEOB2160	
miob1479	ncr9036	ncrb7962	ncrc3798	ncrc6515	SEOA5648a	seob6617	

**155. "eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2) "NM\_001418.1****29**

fcrb0263	MIOA2528a	ncrb1718	SEOA1597a	SEOA5903	SEOA9027	seob5840	seob7314
fcrb2550	MIOA6612a	ncrb1802	SEOA5410	SEOA8273	SEOA9220	seob5857	
hfc2761	MIOA7547a	ncrc1395	SEOA5653a	SEOA8403a	SEOA9649	seob7165	
MIOA1847a	ncr7964	ncrc3655	SEOA5763	SEOA8967	SEOB3589	seob7256	

**156. "integrin-binding sialoprotein (bone sialoprotein, bone sialoprotein II)(IBSP) "NM\_004967.1****29**

ncr0491	ncr2685	ncr8418	ncrb3547	ncrb7107	ncrc1097	ncrc2967	ncrc6857
ncr2481	ncr4839	ncr8529	ncrb4386	ncrb7676	ncrc2243	ncrc4585	
ncr2501	ncr6195	ncrb1375	ncrb5605	ncrb8060	ncrc2699	ncrc5177	
ncr2585	ncr6676	ncrb2683	ncrb6577	ncrb8111	ncrc2841	ncrc6651	

**157. mitochondrial ATPase coupling factor 6 subunit (ATP5A) M37104****29**

MIOA3079a	miob1025n	miob5893	ncr3501	SEOA0108	SEOA1325n	seoa2520m	seoa3379an	SEOA3909
miob0836	miob4833	miob6940	SEOA0049	SEOA0313	SEOA1503	seoa2612n	SEOA3791a	SEOA5929

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SEOA5948	SEOA6706	SEOA7254a	SEOA7630a	SEOB3573	seob7078
SEOA6446a	SEOA7200a	SEOA7580a	SEOA8354a	seob4019	

**158. heparan sulfate proteoglycan (HSPG) (OCI5) J04621.1 29**

BFCS0024	FCR6060	hfc5127	MIOA8162	ncrc6240	SEOA4737a	SEOB0902a	seob7282
FCR0174	hfc2554	MIOA1598	ncr4046	SEOA0364	SEOA6872	SEOB3362	
FCR0690	hfc2943	MIOA2782a	ncrb3611	SEOA2987a	SEOA7498a	seob3997	
FCR4967	HFCR3203	MIOA7573a	ncrc3074	SEOA4266a	seoa8086	seob5308	

**159. ribosomal protein S21 (RPS21) L04483 29**

FCR0650	FCR3744	fcrb0398	hfc0084	hfc6664	hfc9183	ncrb8701	SEOB1698
FCR1172	FCR5218	fcrb1332	hfc0180	hfc6748	mioa7875	SEOA0933	
FCR1498	FCR5355	fcrb2093	hfc5209	hfc7465	ncr1426	SEOA2648	
FCR3357	FCR6375	fcrb2246	hfc6095	hfc8680	ncr2423	SEOA5551a	

**160. nucleolar phosphoprotein B23 (NPM1) M28699 29**

FCR5634	MIOA0832	ncr2369	ncrb5486	ncrc1076	ncrc6667	SEOA6899	seob7537
hfc2026	MIOA4798a	ncr7161	ncrb6604	ncrc2900	ncrc9039	SEOB0844a	
hfc3946	miob4364	ncr8645	ncrb6793	ncrc4778	seoa3444an	SEOB1408	
hfc7854	miob6262	ncrb4481	ncrc0277	ncrc4851	SEOA5578a	seob5626	

**161. cartilage-derived C-type lectin (CLECSF1) AF077345 29**

MIOA2327a	ncr0623	ncr2654	ncr9350	ncrb5530	ncrc5911	SEOB1449	SOA0535
MIOA6484a	ncr1572	ncr6793	ncrb0620	ncrb6995	ncrc6787	seob4606	
MIOA6929a	ncr1677	ncr7071	ncrb2089	ncrb7892	SEOA2713	SOA0387	
mioa9940	ncr2644	ncr7769	ncrb2744	ncrc5751	SEOA6135a	SOA0411	

**162. ribosomal protein L8 Z28407 28**

FCR2414	FCR3919N	fcr6664n	hfc0028	hfc4038	hfc6703	miob0269
FCR3275	FCR3951	FCR7166	hfc0124	hfc5280	hfc8465	miob0275
FCR3396	FCR6231	FCR7380	hfc0410	hfc6031	hfc9647	ncr8019
fcr3675n	FCR6256	fcrb2620	hfc0665	hfc6066	hfc9769	SEOA0926

**163. spermidine/spermine N1-acetyltransferase Z14136 28**

hfc7616	MIOA4928a	mioa9977	ncr1214	ncrc9310	SEOA2638	SEOB2010
MIOA0055a	MIOA5820a	miob3826	ncr1825	ncrc9944	seoa4893a	SEOB2098
mioa0503m	MIOA6000a	miob6750	ncrb0484	SEOA0047	SEOA5067a	seob4298
MIOA3132a	MIOA6431a	ncr0617	ncrb5385	SEOA1788a	SEOA5472a	soa0042n

**164. Sec61 gamma AF054184 28**

FCR3832	MIOA8832	ncrb4437	SEOA2340a	SEOA7371a	SEOA9918	seob2575
FCR4359	miob4360	ncrb6426	SEOA2495	SEOA7617a	SEOB0565	seob3664
hfc1427	ncr2265	ncrc6782	SEOA3401a	SEOA8420	SEOB0772	seob6165
MIOA0099	ncr7621	SEOA1844a	SEOA7326a	SEOA8922	SEOB1934	seob7138

**165. MEN1 region clone epsilon/beta AF001893.1 28**

MIOA0405a	MIOA8621	ncr9483	ncrb4192	ncrc2879	ncrc5700	SEOA1385
MIOA0793	MIOA8674	ncrb0407	ncrb5722	ncrc3332	ncrc5908	seob4134
MIOA0907a	miob0900	ncrb0485	ncrc0837	ncrc4355	ncrc7162	seob4143
MIOA0930	miob6967	ncrb3235	ncrc1918	ncrc4481	ncrc9360	SOA0661

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**166. polyubiquitin E12605 28**

BFC0396	FCR6987	hfc0662	hfc9999	ncr0897	ncr6429	SEOA6677a
FCR2562	FCR7073	hfc1277	miob0409	ncr1996	ncrb0711	SEOA8335a
FCR3939	fcrb0306	hfc5070	miob4003	ncr2776	ncrb1153	SEOA8461
FCR4937	hfc0562	hfc7779	ncr0734	ncr3661	SEOA0754	seob6494

**167. ribosomal protein S7M77233 28**

CR0281	hfc4241	miob1742	ncrb8336	ncrc6557	SEOA5441	seob5819
FCR1731	hfc5119	miob3356	ncrc1018	SEOA0757	SEOA7406a	seob6336
FCR3936	hfc6111	ncrb0929	ncrc4973	SEOA1560	SEOB1988	seob6511
hfc0377	hfc8500	ncrb3843	ncrc5937	SEOA2215a	SEOB3310	seob7573

**168. caveolin 1 (CAV1) AF125348.1 28**

MIOA0293n	MIOA5134a	mioa9976	ncrc0569	ncrc4957	SEOA3328a	seob1046
MIOA2029	MIOA5926a	miob3938	ncrc1302	SEOA1353	SEOA8203a	SEOB1117
MIOA2583a	MIOA7205a	miob6265	ncrc3957	SEOA1732a	SEOA9595	SEOB1915
MIOA2804a	mioa9768	ncr1981	ncrc4111	SEOA2139	SEOB0191	seob7610

**169. ribosomal protein L18a L05093.1 28**

BFCN0047	FCR2285	FCR5748	fcrb2626	hfc0900	hfc4194	hfc9583
BFCN0220	FCR3077	fcrb1007	hfc0047	hfc1199	hfc5274	hfc9723
BFCW0244	FCR4620	fcrb1474	hfc0143	hfc1963	hfc6781	hfc9991
FCR0658	FCR5015	fcrb2542	hfc0716	hfc3422	hfc9046	ncr0289

**170. HSPC036 protein (=AF077200.1 HSPC014) AF125097.1 28**

hfc1933	MIOA3339a	miob2884	SEOA2242a	SEOA6407	SEOB1030	seob6397
hfc5898	MIOA6663a	miob3380	SEOA2444a	SEOA6901	SEOB1374	seob7003
MIOA0098	miob0087	SEOA0217a	SEOA4376a	SEOA9848	seob4581	seob7476
MIOA2319a	miob0934	SEOA0537	SEOA6351	SEOB0171	seob6204	seob7742

**171. "lectin, galactoside-binding, soluble, 1 (galectin 1) (LGALS1)mRNA (=14 kd lectin) (=14kDa beta-galactoside-binding lectin) "NM\_002305.2 28**

BFCW0064n	fcr2015	fcrb1302	hfc0706	hfc5709	hfc9605	ncr1051
bfcw0088	fcr6533	fcrb2037	hfc1638	hfc7444	hfc9847	ncrb4378
fcr0632	fcrb0144	hfc0458	hfc2721	hfc9482	mioa9311	ncrc9700
fcr0736	fcrb0304	hfc0548	hfc5253	hfc9532	miob1785	ncrc9772

**172. "hemoglobin, gamma G (HBG2) (=PRO2898) "NM\_000184.1 27**

BFC0516	FCR5910	fcrb2084	hfc0121	hfc2217	hfc5164	hfc6804	hfc7825	hfc9346
FCR4116	fcrb1614	fcrb2137	hfc0546	hfc2552	hfc5206	hfc7007	hfc8372	hfc9521
FCR4970	fcrb1693	hfc0025	hfc1899	hfc5149	hfc5775	hfc7721	hfc8415	hfc9746

**173. ribosomal protein L24 (RPL24) (=ribosomal protein L30) NM\_000986.1 27**

FCR0334	fcrb2731	hfc8448	ncr3529	ncrb5939	ncrc0468	ncrc4719	seoa4970a	seob3953
fcrb0995	hfc4142	hfc9343	ncrb1433	ncrb6273	ncrc4052	ncrc7003	SEOB1564	seob6371
fcrb2383	hfc5422	miob3086	ncrb2277	ncrb7811	ncrc4554	ncrc9838	seob3865	seob6837

**174. high mobility group-1 protein (HMG-1) X12597 27**

FCR5559	hfc7623	MIOA6870a	mioa7858	miob1888	miob6405	SEOA3561a	SEOB1978	SEOB3204
hfc1285	MIOA0757	MIOA7274	MIOA8597	miob1911	ncr6311	SEOA4746a	SEOB2059	seob5574
hfc3535	MIOA4642a	MIOA7408a	MI0B1530	miob4189	SEOA1632a	SEOA9563	SEOB2772	SOA0701

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**175. integrin beta 1 subunit X07979.1****27**

FCR5190	MIOA7070a	miob3079	ncrb8189	SEOA2047	SEOA6173a	seoa7845a	SEOB0137	seob5191
MIOA3317a	mioa9237	ncr8569	ncrc1083	SEOA4642a	SEOA6335	SEOA8383a	seob4014	seob7044
MIOA5808a	miob0717	ncrb3229	seoa1012m	SEOA6040a	SEOA6892	SEOA8715	seob4875	seob7933

**176. "hemoglobin, gamma A (HBG1) "NM\_000559.1****27**

FCR5530	fcrb1614	fcrb2137	hfcf1642	hfcf2552	hfcf5164	hfcf6804	hfcf8372	hfcf9372
fcr5733	fcrb1693	hfcf0546	hfcf1899	hfcf2993	hfcf5215	hfcf7509	hfcf8415	hfcf9521
FCR6383	fcrb2084	hfcf1170	hfcf2217	hfcf5149	hfcf5775	hfcf7825	hfcf9346	hfcf9746

**177. ribosomal protein S9U14971****27**

FCR1755	FCR0492	FCR6478	hfcf6920	fcrb1701	hfcf4267	hfcf7057	hfcf1295	fcrb2473
CR1010	BFCW0534	FCR6985	hfcf9200	hfcf0873	hfcf5131	hfcf7428	hfcf3801	fcrb1349
BFC0492	FCR2003	hfcf5643	fcrb0686	hfcf4032	hfcf5442	hfcf7737	hfcf0454	hfcf9920

**178. lysosomal membrane glycoprotein CD63 (=M59907 ME491;X07982) M58485****26**

FCR3254	hfcf0266	hfcf9428	miob0233	ncr7636	ncrb0815	ncrc0714	ncrc9523	SEOA5990a
FCR5074	hfcf2575	MIOA3480a	ncr2775	ncr8322	ncrb2197	ncrc3939	SEOA2291a	SEOB1672
fcrb1852	hfcf7949	MIOA5403a	ncr4126	ncrb0383	ncrb3126	ncrc6315	SEOA5846	

**179. RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN) spP15880****26**

FCR0879	FCR2294	FCR4318	FCR6617	fcrb1295	hfcf2520	hfcf3874	hfcf8570	MIOA4319a
FCR1472	FCR2358	FCR5517	FCR7205	hfcf1415	hfcf2733	hfcf5636	hfcf9050	ncrc0321
FCR1475	FCR4302	FCR6068	FCR7659	hfcf1830	hfcf3420	hfcf7534	hfcf9159	

**180. matrilin-3 (MATR3)Y13341****26**

BFCW0186	hfcf1159	hfcf7807	miob4496	ncr9477	ncrb5011	SEOA3917	SEOB0570	seob5661
FCR6514	FCR1705	MIOA3510a	ncr1617	ncrb2696	ncrc5091	seoa7842a	seob3703	soa0489n
fcrb0352	hfcf4348	miob2988	ncr9020	ncrb2799	SEOA1653a	SEOB0380	seob5238	

**181. chitinase (HUMTCHIT) U58515****26**

ncrb0045	SEOA1079a	SEOA2866	SEOA5145a	SEOA6498a	SEOA8271	SEOB1255	SEOB3140	seob5679
SEOA0467	SEOA1105a	SEOA3538a	SEOA5248a	SEOA7338a	SEOA9135	SEOB1753	seob4571	seob7557
SEOA0890n	SEOA2789	SEOA4574	SEOA6236	SEOA7363a	SEOB0277	SEOB2239	seob4845	

**182. CGI-134 protein (LOC51023) NM\_016067.1****26**

MIOA0149	mioa9417	ncr1020	SEOA3204	SEOA5536a	SEOA6636a	seoa7800a	SEOB0908a	seob7191
MIOA0361a	ncr0533	ncr7959	SEOA3757a	SEOA6022a	SEOA7330a	SEOA8817	SEOB1909	SOA0622
MIOA6581a	ncr0740	SEOA0921	SEOA5535a	SEOA6595a	SEOA7650a	SEOB0272	seob6887	

**183. ribosomal protein S10 NM\_001014.1****26**

BFCW0038	FCR4675	FCR6560	fcrb1530	hfcf2503	hfcf7571	hfcf8944	hfcf9675	seob4505
FCR0066	FCR5035	fcrb0346	fcrb1972	hfcf3363	hfcf7693	hfcf9162	ncrb5257	seob8223
FCR4502	FCR6207	fcrb0567	hfcf1281	hfcf5840	hfcf7886	hfcf9664	SEOA9460	

**184. "tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory) (TIMP3) "NM\_000362.1****26**

hfcf0853	MIOA1458	MIOA3750a	MIOA6197a	miob3184	miob6629	ncrb0644	SEOA1639a	SEOB1686
hfcf3708	MIOA2274a	MIOA5114a	MIOA9036	miob3351	miob6779	ncrb8231	SEOA4649a	seob5003
MIOA1026	MIOA3440a	mioa5706n	mioa9627	miob6019	ncr6690	SEOA0556A	seoa6833	



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**185. H19 (=PRO2605) M32053****26**

FCR0238	FCR0966	FCR4762	FCR5645	FCR6528	FCR7541	hfc2794	hfc5975	hfc8968
FCR0388	FCR2689	FCR4926	FCR5717	FCR7155	fc21513	hfc3026	hfc6546	ncr0923
FCR0532	FCR4379	FCR5160	FCR6465	FCR7180	hfc2725	hfc5111	hfc8967	

**186. histone H3.3 Z48950****26**

fc2487	MIOA4611a	miob6622	ncr6903	ncrb3172	ncrc1980	ncrc6405	SEOA9789	seob5866
hfc7068	MIOA6839a	ncr0547	ncrb1585	ncrb5585	ncrc3395	SEOA3422a	SEOB1402	seob6700
hfc9690	miob2490	ncr3664	ncrb2649	ncrc0334	ncrc3900	SEOA4502	SEOB1649	

**187. ferritin L chain M11147****25**

BFCS0408	FCR2727	hfc7425	miob1387	ncr3229	ncrb2191	ncrc0917	ncrc3778	SEOB1859
FCR0796	FCR5438	hfc7531	ncr1710	ncrb0904	ncrb5746	ncrc1019	SEOB0037	
FCR1304	fc2612	hfc9630	ncr2648	ncrb1997	ncrb6778	ncrc3061	SEOB1240	

**188. signal recognition particle 14kD (homologous Alu RNA-binding protein)(SRP14) (=18 kDa Alu RNA binding protein)(=signal recognition particle subunit 14) NM\_003134.1****25**

hfc7287	mioa7754a	miob0873	ncr2112	ncr6909	ncrb0288	ncrb4343	ncrc1473	seob4773
hfc8858	MIOA8039a	miob3385	ncr4652	ncr7339	ncrb2627	ncrb7015	ncrc4270	
hfc9266	MIOA8797	miob3433	ncr4814	ncr7727	ncrb3151	ncrb8377	ncrc7080	

**189. fatty acid binding protein (adipocyte lipid-binding protein) NM\_001442.1****25**

fc21839	hfc5971	mioa7723a	MIOA8687	mioa9612	miob1199	miob3808	miob6651	SEOA4424a
hfc0854	MIOA5583a	mioa7818a	mioa9547	mioa9745	miob1343	miob3872	ncrc1367	
HFCR3233	MIOA6577a	mioa7892	mioa9575	mioa9757	miob3155	miob6508	ncrc6545	

**190. "ribosomal protein, large P2 (RPLP2) "NM\_001004.1****25**

fc20211	hfc1435	hfc3362	hfc5950	hfc9232	miob3857	ncr5599	ncrc4221	seob6350
fc20436	hfc2587	hfc4082	hfc6892	hfc9408	ncr1396	ncrb2067	ncrc9710	
fc2253	hfc2978	hfc5175	hfc7680	miob3406	ncr4218	ncrb6307	SEOB3326	

**191. CD63 antigen (melanoma 1 antigen) (CD63) NM\_001780.1****25**

FCR1521	hfc0266	hfc9428	mioa5713n	ncr4126	ncrb0383	ncrb3126	ncrc6315	SEOB1672
fc3117	hfc2575	MIOA3480a	miob0233	ncr7636	ncrb0815	ncrc0714	ncrc9523	
fc21852	hfc7949	MIOA5403a	ncr2775	ncr8322	ncrb2197	ncrc3939	SEOA2291a	

**192. defender against cell death 1 (DAD1) NM\_001344.1****25**

CR0535	MIOA1614a	miob0508	ncrb2755	ncrc0828	ncrc6613	SEOA1146a	SEOA8336a	seob5645
fc2319	MIOA2472a	miob6556	ncrb3356	ncrc2649	ncrc9725	SEOA1972a	SEOB3120	
hfc6819	MIOA5261a	ncr8713	ncrb5662	ncrc6026	SEOA1126a	SEOA6710	seob4219	

**193. cytochrome b (ORF) U09500****25**

hfc0746	hfc8907	MIOA4082a	miob6526	ncrb0043	ncrb7347	SEOA0030	SEOA9157	seob6512
hfc4542	hfc9967	MIOA4191	ncr0524	ncrb2803	ncrc8887	SEOA7405a	SEOB0153	
hfc6736	MIOA3796	miob4421	ncr6298	ncrb6145	ncrc9654	SEOA9029	seob4179	

**194. metallothionein-II (mt-II) J00271****25**

MIOA1752	ncr0160	ncr1260	ncr3029	ncr4331	ncr9167	ncrb1106	ncrb3053	ncrb4133
ncr0152	ncr0575	ncr2536	ncr3927	ncr7626	ncrb0160	ncrb1410	ncrb3608	ncrb4287

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ncrb5892	ncrb7587	ncrb8475	ncrc1609	ncrc3571	ncrc5048	seob5707		
<b>195. RNA polymerase II elongation factor-like protein Z47087</b>					<b>25</b>			
BFCW0573	FCR0272	hfcf5473	MIOA1146	miob4657	SEOA1739a	SEOA7592a	SEOB0852a	SEOB3137
CR0020	FCR0425	hfcf7399	MIOA2790a	ncr0261	SEOA3187	SEOA8682	SEOB0872a	
CR0206	FCR1541	MIOA0980	MIOA3835	ncr8400	SEOA6280	SEOB0364	SEOB2223	
<b>196. insulin-like growth factor II (IGF-2)X07868</b>					<b>24</b>			
CR0707	FCR2233	FCR5076	fcrb0086	hfcf0512	hfcf1264	HFCR3210	hfcf3896	
FCR1247	FCR4398	FCR6185	fcrb2116	hfcf1057	hfcf1647	hfcf3653	hfcf6550	
FCR1750	FCR4839	FCR7604	hfcf0432	hfcf1157	hfcf2569	hfcf3875	hfcf7606	
<b>197. CD9 antigen (p24/CD9) L08125</b>					<b>24</b>			
CR0271	MIOA0587a	MIOA2542a	mioa9998	miob6921	SEOA1622a	SEOA5341	SEOA9286	
FCR2770	MIOA1814a	MIOA7104a	miob3878	ncr9149	SEOA3593a	SEOA7933a	seob6645	
fcrb2020	MIOA2323a	mioa9420	miob4837	ncrb6548	SEOA5154a	seoa8054	seob8332	
<b>198. actate dehydrogenase A (LDHA) NM_005566.1</b>					<b>24</b>			
FCR4584	hfcf1276	MIOA2189a	ncr1964	ncrc6277	SEOA2542	SEOA3683a	SEOB0063	
FCR7125	MIOA0170	MIOA4901a	ncr2621	SEOA0808	SEOA2684	SEOA6094a	seob4050	
fcrb1519	MIOA1454	MIOA9035	ncrb6167	SEOA1247A	SEOA3138	SEOA7492a	seob5086	
<b>199. poly(A)-binding protein (PABP) U68105</b>					<b>24</b>			
CR0716	HFCR3197	miob6072	ncrb2288	ncrb6910	seoa2058n	SEOA5046a	seob5908	
fcrb0961	hfcf9288	ncr6603	ncrb3185	ncrb8464	SEOA2087	SEOA7270a	seob6202	
fcrb1942	hfcf9963	ncr7069	ncrb3414	ncrc6635	SEOA3477a	SEOA8468	seob7555	
<b>200. mitochondrial ubiquinone-binding protein M26700</b>					<b>24</b>			
fcrb1720	hfcf1047	MIOA5975a	miob0369	miob6022	ncrb4771	SEOA4764a	SEOB0837a	
hfcf0609	MIOA1530	MIOA6363a	miob2378	miob7000	ncrb7806	SEOA5998a	SEOB2121	
hfcf0838	MIOA2765a	mioa9209	miob5470	ncr2965	SEOA1132a	SEOB0803	SEOB2132	
<b>201. "ATP synthase, H transporting, mitochondrial F0 complex, subunit g (ATP5L), mRNA /cds=(73,384) /gb=NM_006476 /gi=5453560 /ug=Hs.107476 /len=482 "Hs.107476</b>								
					<b>24</b>			
BFCN0168n	hfcf6692	miob1479	ncr6126	ncrb5117	ncrc3798	seoa7002	seob6617	
hfcf1792	MIOA4283	miob3229	ncr6223	ncrc2365	ncrc6515	SEOA8968	seob6758	
hfcf1913	MIOA5955a	ncr6036	ncr6236	ncrc3468	seoa6768	SEOB2160	seob7622	
<b>202. MORF-related gene X (KIAA0026) (=MRG15)NM_012286.1</b>					<b>24</b>			
hfcf3501	miob0832	ncr0054	ncr3263	ncrb2263	ncrc4842	SEOB1391	seob4752	
hfcf6768	miob1944	ncr0444	ncrb0151	ncrb3135	ncrc9135	seob4155	seob6197	
mioa9661	miob6758	ncr3096	ncrb0370	ncrc3769	SEOA9283	seob4602	seob7946	
<b>203. brain-expressed HHCPA78 homologue (VDUP1)S73591</b>					<b>24</b>			
FCR0447	ncr0650	ncr1819	ncr8422	ncrc1708	ncrc4409	ncrc7050	SEOB0396	
FCR0735	ncr1194	ncr3777	ncrb7507	ncrc1713	ncrc4650	SEOA0860	SEOB1503	
ncr0066	ncr1688	ncr4078	ncrc1296	ncrc2356	ncrc6656	SEOA0860	SEOB1668	
<b>204. PRO1574 (mitochondrial proteolipid 68MP homolog (PLPM) AF116639.1</b>					<b>24</b>			
hfcf7596	hfcf8228	MIOA5119a	MIOA5789a	MIOA7530a	miob1709	miob3767	ncr1800	ncr7075

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ncrb1731	ncrb8564	ncrb8804	ncrc2887	ncrc6126	SEOA8959	SEOA9889	seob7484
ncrb3385	ncrb8732	ncrc0591	ncrc4114	SEOA2669	SEOA9152	SEOB3189	

**205. heat shock 10kD protein 1 (chaperonin 10) (HSPE1) NM\_002157.1 23**

hfc0849	MIOA8715	ncr1936	ncr7291	ncrb6032	ncrc0562	ncrc5738	SEOA9736
MIOA4426	miob6448	ncr3918	ncr8776	ncrb7226	ncrc3725	SEOA4169a	SEOA9810
MIOA5027a	miob6849	ncr6389	ncr9129	ncrc0385	ncrc4367	SEOA5293a	

**206. complement factor H (=M17517) Y00716 23**

FCR4832	MIOA0268	MIOA3751a	MIOA5795a	MIOA6523a	MIOB2080	ncrb3127	SEOA7182a
hfc9180	MIOA1338a	MIOA4422	MIOA6210a	MIOA7036a	miob6954	SEOA4625a	seob5601
MIOA0119	MIOA2593a	MIOA4760	MIOA6504a	miob0465	ncr1717	SEOA5210	

**207. osteomodulin (OMD) AB000114 23**

MIOA0354a	MIOB2092	ncr1977	ncrc2907	SEOA0231a	SEOA3175	SEOA9350	seob4656
MIOA1786	miob3604	ncr6381	ncrc3306	SEOA0543	SEOA6000a	SEOB0124	seob5948
mioa9359	miob5648	ncrb5344	ncrc9155	SEOA2850	SEOA6326	SEOB3371	

**208. epithelial membrane protein 1 (EMP1) NM\_001423.1 23**

fcrb1575	MIOA6635a	miob6959	ncr8852	ncrc3465	SEOA8938	SEOB1113	seob6076
MIOA3084a	miob6115	ncr3553	ncr9096	ncrc6606	SEOA8975	seob4601	seob8242
MIOA5409a	miob6841	ncr8411	ncrb8696	SEOA8921	SEOA9898	seob4700	

**209. Tigger1 transposable elementU49973.1 23**

fcrb2008	hfc6044	MIOA8111	miob4669	ncr3032	ncrb0232	ncrb4921	SEOA8852
hfc0614	hfc7546	MIOA8290	miob4745	ncr6734	ncrb0808	ncrc4958	seob6206
hfc2710	MIOA5828a	miob0416	miob6698	ncr6987	ncrb1667	SEOA3305n	

**210. cysteine dioxygenase D85777 23**

MIOA0195a	MIOA4821a	miob0071	miob5761	SEOA2214a	SEOA7654a	seob2304	soa0201n
MIOA2134	MIOA8805	miob4020	ncrb8177	SEOA3925	SEOA9033	SEOB3014	SOA0410
MIOA3970a	MIOA8962	miob4369	SEOA2134n	seoa4989a	SEOB0531	seob6410	

**211. "dynein light chain 1 (hdlc1), cytoplasmic "U32944 23**

FCR0542	hfc3684	MIOA6833a	ncr0145	SEOA1538	SEOA6929	SEOB0528	seob5404
FCR1927	hfc9720	MIOA8088	ncr0335	SEOA3233n	SEOA8475	SEOB2930	seob7115
hfc2994	MIOA5621a	MIOB2124	ncr5291	SEOA3990a	SEOA9908	SEOB3039	

**212. calcyclin (=M14300 growth factor-inducible 2A9 gene; U04815 protein kinase PITSLRE alpha 1) J02763 23**

BFCN0266	FCR3266	hfc0549	hfc9646	mioa9484	seoa0499m	SEOB0404	seob5777
FCR2682N	FCR7261	hfc2989	MIOA0241a	miob4760	SEOA6019a	SEOB3005	seob6245
fcr2707nn	fcrb2291	hfc8585	MIOA3629a	ncrb8392	SEOA6602a	seob4422	

**213. "ATP synthase, H transporting, mitochondrial F1F0, subunit g (ATP5JG) "NM\_006476.1 22**

hfc1106	hfc4146	hfc6665	MIOA6623a	miob3488	SEOA7914a	SEOB1735	seob4756
hfc1422	hfc4813	MIOA4199	mioa9607	miob4355	SEOA8703	seob2546	
hfc2824	hfc6411	MIOA5537a	miob2901	ncrb0646	SEOA9262	SEOB3378	

**214. ribosomal protein L29 (RPL29) NM\_000992.1 22**

FCR0573	FCR1943	FCR2165	FCR4283	FCR4621	FCR5144	FCR6213	fcrb0120	fcrb1453
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fcrb1988	hfc2078	hfc2685	hfc3725	hfc4807	hfc8774	ncrc4861
hfc1238	hfc2344	hfc3628	hfc3998	hfc5412	hfc8880	

**215. FK506 binding protein (Fkbp63) AF090334 22**

BFC50239n	HFCR3187	hfc7300	miob5901	ncr3908	ncrc8932	SEOA3186	SEOB0535
FCR3766	hfc3635	hfc7652	ncr1683	ncrb3895	SEOA0060	SEOA7212a	
hfc1081	hfc6473	miob3395	ncr3509	ncrb8050	SEOA2451a	seo8139	

**216. "COX17 (yeast) homolog, cytochrome c oxidase assembly protein (COX17) "NM\_005694.1 22**

MIOA1516	MIOA7047a	miob3231	ncr3734	ncrc5288	SEOA3778a	seob6143	seob8233
MIOA2552a	miob1691	miob3891	ncrb4552	SEOA2090	SEOA7353a	seob7007	
MIOA3919a	MIOB2780	ncr2477	ncrc3007	SEOA3356a	seob4044	seob7216	

**217. ribosomal protein S14 (RPS14)NM\_005617.1 22**

FCR1450	FCR6568	fcrb1640	fcrb1981	fcrb2703	hfc2937	hfc6878	seob5769
FCR1713	fcrb0095	fcrb1762	fcrb2106	hfc1067	hfc2976	hfc6913	
FCR3327	fcrb1416	fcrb1885	fcrb2377	hfc1715	HFCR3137	hfc9478	

**218. ribosomal protein S16 M60854 22**

BFCW0608	FCR2712	FCR5077	hfc0419	hfc6722	ncr9119	SEOA8395a	seob7712
FCR0847	FCR4344	FCR7154	hfc1776	hfc8278	ncrb5496	SEOB1004	
FCR2152	FCR4741	fcrb1862	HFCR3162	MIOA0486	SEOA0306	seob5377	

**219. "solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 1a "NM\_005888.1 22**

FCR0455	fcrb2051	MIOA0461	MIOA2971a	ncrb1209	SEOA1834a	SEOB1025	seob7440
fcrb0300	hfc0505	MIOA0848a	ncr0578	ncrc0960	SEOA3767a	seob4294	
fcrb1691	hfc7380	MIOA2343a	ncr4835	SEOA0388	SEOA9750	seob4294	

**220. "aggrecan (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan antigen identified by monoclonal antibody A0122) (AGC1) "U13613 22**

bfc0134n	FCR4395N	fcrb2217	fcr6665	hfc6741	MIOA0921a	ncr9383	SEOB2211
FCR1127	fcr5224n	fcr7424	hfc0426	hfc8607	miob1933	seo86856	
FCR2313N	fcrb1563	fcr0720	hfc1175	MIOA0902a	miob5696	SEOA8635	

**221. BiP protein X87949 22**

BFCW0020	FCR6873	MIOA0993n	MIOA6485a	ncrc9567	SEOA7235a	seob6439	SOA0641
FCR2990	hfc9400	MIOA4836a	miob5638	SEOA4706a	SEOB1191	SOA0248	
FCR3699	MIOA0184	MIOA5602a	ncrb6663	SEOA5429	SEOB2198	SOA0520	

**222. 78 kD glucose-regulated protein (GRP78) gene (=BiP protein) M19645.1 22**

SEOB1191	FCR3699	MIOA0993n	MIOA6485a	ncrc9567	SEOA7235a	seob6439	SOA0641
BFCW0020	FCR6873	MIOA4836a	miob5638	SEOA4706a	SEOB1191	SOA0248	
FCR2990	MIOA0184	MIOA5602a	ncrb6663	SEOA5429	SEOB2198	SOA0520	

**223. ahemoglobin beta chain (HBB) AF117710 21**

MIOA6356	mio8736a	miob1935	MIOB2613	miob4001	miob6419	ncrc6171
mio87692a	MIOA8958	MIOB2211	miob3322	miob4427	ncr5086	ncrc9190
mio87733a	mio89436	miob2426	miob3859	miob5029	ncrc2568	SEOA9720

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**224. cytochrome c oxidase subunit I D38112 21**

mioa9557	ncr5160	ncr6200	ncrb0843	ncrc1806	ncrc2704	ncrc5673
ncr1513	ncr5237	ncr6277	ncrb2257	ncrc1856	ncrc3916	ncrc5998
ncr1671	ncr5312	ncrb0153	ncrb3402	ncrc2306	ncrc5324	ncrc9235

**225. "tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide (YWHAB) " NM\_003404.1 21**

hfc1164	hfc7957	miob3075	ncrb1953	SEOA3467a	SEOA9524	seob5521
hfc2237	MIOA2773a	miob6592	ncrb2474	SEOA6921	SEOB1575	seob6061
hfc6130	mioa9884	ncr2931	ncrb8416	SEOA9172	seob5336	seob6736

**226. selenoprotein P (SEPP1) Z11793 21**

FCR1239N	miob0874	ncr6677	ncrb3990	ncrb5409	ncrc6601	SEOB3097
MIOA3765	miob6077	ncr6719	ncrb5024	ncrb8533	SEOA5303a	seob4529
MIOA9063	miob6603	ncr7684	ncrb5150	ncrc1905	SEOB1638	seob5258

**227. elongation factor 2 X51466 21**

FCR0541	hfc0567	hfc0826	hfc1278	hfc1398	hfc7857	SEOA7232a
FCR3401	hfc0694	hfc0902	hfc1289	hfc1839	ncrb8651	SEOA9872
fcrb0110	hfc0784	hfc1054	hfc1381	hfc2883	SEOA6111a	seob5420

**228. ribosomal protein L14 D87735 21**

FCR0588	FCR2867	fcrb1773	hfc5126	MIOA2213a	ncrb1232	SEOA5649a
FCR1063	FCR5950	hfc0039	hfc8481	miob4776	ncrb4600	SEOB3181
FCR2292	fcrb0678	hfc0916	hfc9518	ncr5981	ncrc3516	seob4814

**229. endozepine (putative ligand of benzodiazepine receptor) M15887.1 21**

FCR6055	MIOA1373a	miob4979	SEOA2143	SEOA4245a	SEOB0636a	SEOB3186
hfc9680	miob3364	miob6078	SEOA2619	SEOA4414a	SEOB0663a	seob5216
MIOA0366a	miob4000	ncrc5539	SEOA4241a	SEOA9139	SEOB1155	seob8031

**230. annexin A5 (ANXA5)(lipocortin-V) NM\_001154.2 21**

CR0389	fcrb1792	hfc3472	MIOA2775a	ncr9547	SEOB1355	seob4689
FCR2801	hfc0626	hfc4133	ncr0159	ncrc1597	seob4188	seob5022
fcrb1307	hfc1308	hfc6198	ncr9109	SEOA9192	seob4563	seob5772

**231. carboxypeptidase E (CPE) NM\_001873.1 21**

BFCS0518 n	hfc3742	MIOA3575a	MIOA5174a	miob3307	ncr5368	ncrb7082
FCR2628	hfc7473	MIOA3803	MIOA7336a	ncr1285	ncrb0636	ncrc3351
FCR3543	hfc8715	MIOA4044a	mioa7647a	ncr2298	ncrb1807	ncrc6444

**232. collagen type IX alpha 2 (COL9A2)M95610 21**

FCR1285	FCR6241	fcrb1290	hfc3620	hfc4045	hfc7160	hfc9406
FCR1414	FCR6756	hfc0514	hfc3854	hfc5785	hfc8956	hfc9802
FCR2909	FCR6896	hfc0934	hfc3899	hfc6100	hfc9314	hfc9996

**233. "myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLCB), mRNA /cds=(114,629) /gb=NM\_006471 /gi=5453739 /ug=Hs.233936 /len=944 "Hs.233936 21**

mioa7900	miob5703	miob6293	SEOA9233	SEOB0158	SEOB3446	seob6598	MIOA5293a	ncr6205
hfc7533	hfc2522	ncr2458	SEOB0111	SEOB3012	seob5327	seob6451	ncrb6190	ncrb0121

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ncrb2432      ncr2080      ncrb7585

**234. "SPARC-like 1 (mast9, hevin) (SPARCL1) "NM\_004684.1      20**

FCR4684	MIOA1623a	MIOA5622a	mioa7823a	miob0199	miob4596	ncr8176
FCR4925	MIOA2531a	MIOA7114a	MIOA8601	miob0741	miob4758	ncrb1381
mioa0506m	MIOA2956a	mioa7801a	mioa9518	MIOB1533	miob6099	

**235. Cyr61 protein (CYR61) AF031385      20**

FCR0376	hfc4053	MIOA0204a	ncr2826	ncr4768	ncrb4955	seob4290
FCR3098	hfc6724	mioa9610	ncr3592	ncr6596	SEOA2064	seob6374
hfc0698	hfc8231	miob0984	ncr4657	ncr7021	seoa2174n	

**236. fibrillin (FBN1) X63556      20**

FCR0536	hfc3862	miob0305	SEOA1616a	SEOA6029a	SEOA9528	seob4500
fcrb1405	MIOA6423a	ncr5829	SEOA4360a	SEOA6329	SEOB0326	seob7945
HFCR3251	MIOA8116	ncr1139	SEOA5726a	SEOA6685a	SEOB2045	

**237. trophoblast STAT utron AF080092.1      20**

MIOA7331	miob4433	ncr1959	ncr5430	ncrb0834	ncrc9007	SEOA1385
miob0900	ncr0143	ncr2007	ncr5755	ncrb8551	ncrc9086	SEOA3624a
miob3148	ncr0474	ncr3909	ncr6114	ncrc1918	SEOA1159A	

**238. prefoldin 5 (PFDN5) (=D89667 c-myc binding protein) NP\_002615.1      19**

ncrc3920	HFCR3231	MIOB2548	ncr7891	ncrc5915	SEOA2441a	SEOA6317
ncrc4212	MIOA0285	ncr1203	ncrb6696	ncrc9784	SEOA3733a	SEOA6606a
BFC0038	MIOA3684a	ncr2756	ncrc3442	SEOA1768a	SEOA3736a	SEOA7409a
hfc2511	MIOA5082a	ncr4406	ncrc4703	SEOA1952	SEOA5488a	SEOA9507

**239. cytochrome c oxidase subunit VIIc (COX7C) NM\_001867.1      19**

fcrb0703	MIOA7077a	MIOB2553	ncr2262	seoa8046	SEOB2757	seob7929
hfc2767	MIOA8045a	miob3919	ncr3535	SEOB1795	seob4679	
MIOA6336a	miob1124	miob4390	ncr8299	SEOB2074	seob6809	

**240. ring-box 1 (RBX1) NM\_014248.1      19**

hfc9741	ncr7182	ncrc0846	SEOA2841	seoa7029	SEOB3400	seob7903
MIOA7103a	ncrb0730	ncrc6763	SEOA3916	SEOB0379	seob5126	
miob5797	ncrb2922	SEOA2285a	SEOA5565a	SEOB1893	seob6556	

**241. epididymal seCRetory protein (19.5kD) (HE1) gi5453677      19**

MIOA0315	MIOA3972a	ncr1619	ncrb7171	SEOA0033	SEOA8558	seob5649
MIOA1660a	miob0723	ncr8507	ncrc0133	SEOA7093a	SEOA9671	
MIOA1758	miob6136	ncrb3560	ncrc2560	SEOA8376a	SEOB1325	

**242. "SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)(SOX9) "NM\_000346.1      19**

FCR1905	hfc9790	ncr6764	ncrb2414	ncrb4773	ncrb5638	SEOB2779
FCR6688	ncr0625	ncr8239	ncrb2644	ncrb5147	ncrc3855	
hfc2908	ncr5236	ncrb2208	ncrb3987	ncrb5282	SEOA8195a	

**243. "H4 histone family, member G (H4FG) "NM\_003542.2      19**

MIOA9170	miob0857	miob5495	ncr6094	ncrb1291	SEOA5507a	SEOA5568a	SEOA5660a	SEOA6503a
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SEOA7082a	SEOA9985	SEOB2050	SEOB3130	seob6187
SEOA7389a	SEOB1090	SEOB2123	seob4681	seob6900

**244. napolipoprotein D (APOD) J02611 19**

MIOA0776	ncr6928	ncr9773	ncrb5196	ncrc0513	ncrc3594	ncrc9722
MIOA2245a	ncr8230	ncrb0351	ncrb6142	ncrc1596	ncrc4933	
ncr6167	ncr9616	ncrb3441	ncrb7993	ncrc2712	ncrc9460	

**245. cathepsin K (pseudosostosis)(CTSK) NM\_000396.1 19**

FCR0846	hfc3721	miob0063	ncr3385	ncr9593	seoa4917a	seob7135
hfc1240	hfc7982	miob1956	ncr5507	SEOA1363	SEOB0338	
hfc1303	MIOA8053a	ncr0609	ncr7917	SEOA2426a	seob4495	

**246. peptidylglycine alpha-amidating monooxygenase (PAM)M37721 19**

FCR1299	MIOA1371a	MIOA8844	ncr5383	ncrb3340	SEOA7527a	seob6023
hfc9244	mioa7935	mioa9405	ncr9348	ncrb3847	SEOA9853	
MIOA0802	MIOA8058a	MIOB0550	ncrb0263	SEOA2063	SEOB1126	

**247. zinc finger protein 216 (ZNF216) AF062072.1 19**

FCR4966	MIOA0085a	MIOA8929	ncr5542	ncrb3469	ncrc1801	SEOA6627a
hfc6024	MIOA3342a	ncr0596	ncr8484	ncrb5243	ncrc3922	
hfc6463	MIOA8599	ncr1289	ncrb2097	ncrb6726	SEOA2421a	

**248. heterogeneous nuclear ribonucleoprotein D-like (HNRPDL) NM\_005463.1 19**

FCR0349	hfc6195	MIOA7607a	ncr8367	ncrc9060	seoa8070	SOA0579
fcrb1968	MIOA3018a	MIOA8315	ncrb5972	SEOA0540n	SEOA8947	
fcrb2164	MIOA6588a	miob2461	ncrc0346	SEOA1306a	SEOB2030	

**249. chondromodulin I precursor (CHM-I) NM\_007015.1 19**

FCR4903	fcrb0019	fcrb2504	HFCR2380	hfc5057	ncr5210	ncrc0531
FCR5145	fcrb0716	fcrb2619	hfc3051	hfc6914	ncrb2479	
FCR5420	fcrb1265	hfc0292	hfc3778	hfc8401	ncrb8252	

**250. osteoclastogenesis inhibitory factor AB008822 19**

FCR0188	MIOA1502	MIOA6530a	miob5658	SEOA5973a	SEOB0230	SOA0365
FCR1309	MIOA2604a	MIOA8215	SEOA3102a	SEOA6128a	SEOB3364	
MIOA1441	MIOA4918a	MIOB1527	SEOA5403	SEOA9619	seob7546	

**251. enolase 1 (alpha) (ENO1) NM\_001428.1 19**

CR0911	FCR4596	fcrb0365	hfc2664	hfc6373	hfc8541	seob8321
FCR0019n	FCR5921	hfc0380	hfc2782	hfc7782	MIOB1555	
FCR0298	FCR7060	hfc2330	hfc5091	hfc8490	SEOA0829	

**252. v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS) NM\_005252.2 19**

FCR6019	hfc0182	hfc1921	hfc4101	MIOA6738a	ncr4153	seob4446
fcrb0420	hfc1401	hfc2044	hfc8479	ncr0168	ncr6045	
fcrb2098	hfc1909	hfc3964	hfc8828	ncr2021	ncrb1996	

**253. npalladin (KIAA0992)= CGI-151 NM\_016081.1 19**

BFC0088	FCR7367	FCR7425	MIOA6104a	miob6323	ncr5146	ncr8677	ncrc1607	ncrc3233
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ncrc3268	ncrc9805	SEOA5310a	SEOB1185	seob5235
ncrc4684	SEOA3392a	SEOA8733	SEOB1866	seob7471

**254. heterogeneous nuclear ribonucleoprotein D (hnRNP D) (52% aa) D55671 19**

FCR0349	hfc6195	MIOA7607a	ncr8367	ncrc9060	seoa8070	SOA0579
fcrb1968	MIOA3018a	MIOA8315	ncrb5972	SEOA0540n	SEOA8947	
fcrb2164	MIOA6588a	miob2461	ncrc0346	SEOA1306a	SEOB2030	

**255. "procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase) 2 (PLOD2), mRNA /cds=(0,2213) /gb=NM\_000935 /gi=4505888 /ug=Hs.41270 /len=3503 "Hs.41270 19**

seoa7848a	MIOA5244a	miob2475	ncrb4358	ncrc8982	seob5353	seob7512
FCR5085	mioa5668n	ncr0800	ncrb6691	ncrc9078	seob5515	
hfc7472	miob0240	ncrb0840	ncrb7447	seoa3271n	seob7196	

**256. lysyl oxidase U22384 18**

FCR0075	FCR4305	FCR6562	ncr6188	ncrb5595	ncrc5297	SEOA3215	SEOA5558a	SEOB3011
FCR1083	FCR6194	hfc1263	ncrb1782	ncrc0112	SEOA2308a	SEOA4881a	SEOA7614a	seob3897

**257. "gap junction protein, alpha 1, 43kD (connexin 43) (GJA1) "NM\_000165.2 18**

hfc0652	SEOA3820a	seoa8138	SEOA9241	SEOA9956	SEOB2984	SEOB3553	seob5082	seob5785
miob1760	SEOA4172a	SEOA9143	SEOA9704	SEOB1628	SEOB3096	seob4441	seob5646	seob7105

**258. procollagen C-endopeptidase enhancer 2 (PCOLCE2) NM\_013363.1 18**

hfc3052	miob5783	ncr0460	ncr3217	ncrb5289	ncrc2682	SEOB0301
miob2361	miob5895	ncr0701	ncr4147	ncrc0492	ncrc3581	seob6080
miob3749	miob6487	ncr1138	ncrb1431	ncrc2260	ncrc4233	

**259. NADH dehydrogenase subunit 4L (RefSeq aa 2e-45) gi5835396 18**

miob0758	ncr2398	ncr5195	ncr6331	ncr7396	ncr8017	ncr9504	SEOA4736a	seob4470
ncr1256	ncr2629	ncr6047	ncr6746	ncr7857	ncr8689	SEOA4187a	SEOA9155	seob5245

**260. ubiquinol-cytochrome c reductase complex (7.2 kD); hypothetical protein (RefSeq aa 2e-35) NP\_037519.1 18**

hfc0609	MIOA2704a	MIOA6363a	miob5470	miob6447	ncr0944	ncrb4771	SEOA6131a	SEOA8957
hfc0838	MIOA4796a	mioa9209	miob6022	miob7000	ncr0944	ncrb6632	SEOA6887	seob4118

**261. "ATPase, H transporting, lysosomal (vacuolar proton pump) 9kD (ATP6H) "NM\_003945.1 18**

hfc0829	miob1893	ncr1895	ncr5109	ncrb4794	ncrb8752	SEOA2943a	SEOB3421	seob6416
miob0432	ncr0721	ncr4666	ncr5336	ncrb8543	ncrc2468	SEOA9395	seob6087	seob8163

**262. "ATP synthase, H transporting, mitochondrial F1 complex, gamma polypeptide 1 (ATP5C1), nuclear gene encoding mitochondrial protein "NM\_005174.1 18**

fcr3713n	hfc1342	hfc8370	miob2511	miob6644	ncr5416	seoa7869a	SEOB3093	seob4691
hfc0129	hfc5961	miob0415	miob2532	ncr3316	seoa7812a	SEOA9407	seob4381	seob5796

**263. muscleblind (Drosophila)-like (MBNL) (=KIAA0428) NM\_021038.1 18**

fcr3551n	MIOA7495a	ncr5842	ncr7810	ncrc5239	ncrc6988	SEOA5291a	SEOB3429	seob4642
MIOA5519a	miob3391	ncr7192	ncrb4376	ncrc5360	SEOA4831a	SEOA5405	SEOB3461	seob5624

**264. calumein (Calu) (calumenin)AF013759 18**

BFCS0330	FCR2755	FCR7741	hfc8986	MIOA7436a	ncr3808	SEOA1979a	seoa6958	SEOB1418
FCR1055	FCR7247	hfc7784	hfc9617	miob1855	ncrb0525	SEOA2459a	SEOA9115	seob7098

**265. "ATP synthase, H transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle (ATP5A1)(ORF) " NM\_004046.1 18**

fcr3713n	hfc1342	hfc8370	miob2511	miob6644	ncr5416	seoa7869a	SEOB3093	seob4691
hfc0129	hfc5961	miob0415	miob2532	ncr3316	seoa7812a	SEOA9407	seob4381	seob5796

**266. "guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1) "NM\_000516.2 18**

FCR3053	fcrb2083	hfc4208	hfc7607	ncr1206	ncrb7659	ncrc2720	ncrc4566	seob7982
fcrb0564	hfc2856	hfc6873	MIOA3737a	ncrb2324	ncrc1538	ncrc3312	SEOA9802	

**267. vacuolar H-ATPase subunit AF038954 18**

hfc0829	ncr0721	ncr5109	ncrb8543	SEOA2051	SEOB3421	seob8163
miob0432	ncr1895	ncr5336	ncrb8752	SEOA2943a	seob6087	
miob1893	ncr4666	ncrb4794	ncrc2468	SEOA9395	seob6416	

**268. ribosomal protein 40S S27 isoform (RefSeq aa 4e-35) NP\_057004.1 18**

ncrb6528	ncrc6387	SEOA8460	SEOA9785	SEOB0036	SEOB1474	seob4313	seob4920	seob6633
ncrb7612	SEOA6886	SEOA9136	SEOB0001	SEOB0673a	SEOB2119	seob4515	seob5725	seob7523

**269. elongation factor 1 beta 2 (EEF1B2) NM\_001959.1 17**

fcrb2491	hfc3025	hfc4760	hfc7692	hfc8590	miob0246	miob3475	ncrb3376	seob7649
hfc1189	hfc3763	hfc6701	hfc8402	hfc9638	miob2369n	ncr8579	seoa8006	

**270. "laminin receptor 1 (67kD, ribosomal protein SA) (LAMR1)(ORF) "NM\_002295.1 17**

ncrc4969	FCR1495N	FCR4902	FCR7681	hfc6507	MIOA6326a	ncr9496	ncrc3364	ncrc9393
ncrc5164	FCR2185	FCR5901	hfc1668	hfc8736	ncr1113	ncrb3108	ncrc4771	seob7177
BFCW0145	FCR3371	FCR5915	hfc2624	MIOA4639a	ncr8688	ncrc1245	ncrc9228	

**271. B-cell translocation protein 1 (BTG1) X61123 17**

FCR0133	hfc8744	hfc9921	miob2453	ncr4646	ncr7707	SEOA1596a	SEOA5117a	SEOA9922
FCR2140	hfc8750	MIOA0540	ncr3177	ncr7449	ncrb0570	seoa4915a	SEOA5446	

**272. NADH dehydrogenase(ubiquinone) Fe-S protein 5 (15kD) (NADH-coenzyme Q reductase) (=NADH-ubiquinone oxidoreductase 15kDa subunit ) NM\_004552.1 17**

fcrb2760	hfc8032	mioa8199n	miob6599	ncr4178	ncrb7952	ncrc5316	ncrc5993	SEOB0089
hfc6789	hfc9535	miob5856	ncr1939	ncrb3188	ncrb8297	ncrc5464	seoa2647n	

**273. dolichyl-phosphate beta-glucosyltransferase (ALG5) AF102850.1 17**

hfc0014	hfc0361	hfc0953	hfc3751	hfc4103	hfc4214	hfc5450	ncr9289	seob5972
hfc0255	hfc0928	hfc3678	hfc3855	hfc4119	hfc4335	MIOA1571	seob5213	

**274. frizzled-related protein (FRZB) NM\_001463.1 17**

FCR6733	hfc6164	miob5102	ncr5454	ncrb0850	ncrc2191	ncrc6735	SEOA5370	seob6242
fcrb2499	MIOA1933a	ncr2136	ncr6741	ncrb5140	ncrc4940	seoa0985m	SEOA9209	

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**275. pp21 homolog AF125535.1 17**

hfc9393	MIOB2177	MIOB2642	seoa8154	SEOB0937	seob5137	seob5702	seob6734	seob8221
miob0126	MIOB2183	SEOA1316n	SEOA9831	SEOB2103	seob5539	seob6207	seob6739	

**276. neuroendocrine-specific protein C like (foocen) (NSP-CL) reticulon 4 (RTN4) NM\_007008.1 17**

FCR5928	MIOA2571a	miob0141	ncr2958	ncrc8861	SEOA9400	seob2312	seob7329	SOA0713
MIOA2235a	MIOA4035a	miob5644	ncrb6109	SEOA2505	SEOB1319	seob5009	seob7385	

**277. testis enhanced gene transCRipt protein (TEGT) AF033095 17**

FCR0759	hfc912	mioa0788m	MIOA1902a	ncr2465	ncrc6541	ncr8033	SEOA5426	SEOA8310a
FCR6541	hfc932	MIOA0974	mioa6645a	ncr2660	ncr7129	ncrc1631	SEOA6697a	

**278. SOD-2 manganese superoxide dismutase X65965 17**

hfc9800	miob0135	miob2977	ncr3482	ncrc3509	ncrc5440	SEOA2919a	SEOB0163	SOA0427
MIOA7395a	miob2966	ncr3211	ncrb6672	ncrc3605	ncrc7024	SEOA4477a	seob4553	

**279. decay-accelerating factor M31516 17**

MIOA0577a	MIOA2185a	miob2364	miob3564	ncrc6575	ncrc9345	seoa3258m	SEOB2262	seob4465
MIOA0749	miob0899	miob3451	ncrc4814	ncrc9272	SEOA0895	SEOB0188	SEOB2714	

**280. ametallothionein-le (hMT-le) M10942 17**

MIOA7500	ncr2321	ncr9955	ncrb0108	ncrb4871	ncrc3169	ncrc3952	ncrc9597	SEOA6348
miob6431	ncr5594	ncrb0036	ncrb4320	ncrc2985	ncrc3667	ncrc4932	SEOA2487	

**281. platelet-derived growth factor receptor alpha (PDGFRA) M21574 17**

FCR1046	hfc9579	MIOA2041	MIOA5913a	miob5411	ncr9016	ncrc9910	SEOA7908a	SEOB1142
FCR3287	hfc9839	MIOA3938a	MIOA6112a	ncr7509	ncrc5200	SEOA7266a	SEOA9123	

**282. miCRosomal signal peptidase AF061737 17**

FCR2102	FCR7159	MIOA2490a	miob6747	ncrb6431	ncrc1025	SEOA1422a	SEOA8551	SEOB1193
fcr4976n	MIOA2478a	MIOA7562a	ncrb4948	ncrb6750	ncrc7181	SEOA7060a	SEOB0490	

**283. enhancer of rudimentary homologue U66871 17**

FCR3200	FCR5961	hfc9765	MIOA2965a	miob1857	ncr4352	ncr8475	SEOA4019a	SEOB2241
FCR3577	hfc9851	mioa1036m	miob0677	miob3899	ncr7070	ncrb7162	SEOA6480a	

**284. tomoregulin AB004064.1 17**

fcrb0009	hfc9796	miob1787	miob3316	ncrb5375	SEOA9257	SEOB3563	seob5670	seob7517
hfc9414	miob0850	MIOB2852	ncr5437	SEOA8442	SEOB3502	seob4913	seob7210	

**285. cell division cycle 10 (homologous to CDC10 of S. cerevisiae) (CDC10) NM\_001788.1 17**

FCR2089	FCR3759	hfc91754	MIOA8378	ncrb2452	ncrc9542	SEOA1851a	seob3888	seob8281
ncrc9542	FCR6393	MIOA0381a	ncr7372	ncrc4668	seoa0102m	SEOA5917	seob8275	

**286. cytochrome c oxidase subunitIII (RefSeq aa 8e-49) 5835394 17**

ncrc1381	ncr4858	ncrb0017	ncrb2489	ncrc0317	ncrc2235	ncrc4489	ncrc5441	ncrc6091
ncrc5195	ncr5131	ncrb1983	ncrb8746	ncrc0555	ncrc2961	ncrc4977	ncrc5441	

**287. t-complex-associated-testis-expressed 1-like 1 (TCTEL1) NM\_006519.1 17**

hfc95977	MIOA4605a	ncr0828	ncr6135	ncr7799	ncrb4478	ncrb6371	ncrc2830	seob3279n
hfc9302	miob0178	ncr5497	ncr6595	ncrb1626	ncrb6367	ncrb7887	ncrc6581	

**288. "guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1, clone MGC:15368 IMAGE:4106768, mRNA, complete cds "BC008855.1 17**

fcrb0564	fcrb2608	hfc2856	hfc6873	ncr1206	ncrb7659	ncrc2720	ncrc4566	seob7982
fcrb2083	fcrb2675	hfc4208	hfc7607	ncrb2324	ncrc1538	ncrc3312	SEOA9802	

**289. "DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD) (DDX5) "NM\_004396.1 16**

fcrb0621	MIOA8782	miob3177	miob5949	ncrc4028	seoa7006	seob5751	
hfc3002	miob0378	miob3276	miob6773	SEOA3352a	SEOA8356a		

**290. calpactin 1 light chain M81457 16**

MIOA0917a	miob4884	SEOA1763a	SEOA3273n	SEOA3876	SEOA5961	SEOA8587	SEOB2219
MIOA2784a	SEOA1736a	SEOA2968a	SEOA3307	SEOA5569a	SEOA7205a	SEOB0285	SEOB2681

**291. hairy (Drosophila)-homolog (HRY) NM\_005524.2 16**

MIOA9166	miob5836	ncr1833	ncr2996	ncrb0718	ncrb6955	ncrc4471	SEOA7953a
miob4995	ncr0183	ncr1901	ncr3851	ncrb5702	ncrc2027	ncrc9249	SEOA9097

**292. rapa-2 (rapa gene) AJ277276.1 16**

fcrb0345	hfc0003	hfc0393	hfc3389	hfc4659	hfc6214	hfc6779	hfc6906
fcrb1056	hfc0385	hfc3369	hfc3871	hfc5122	hfc6317	hfc6903	hfc7346

**293. "deiodinase, iodothyronine, type II (DIO2), transCRipt variant 1 "gi7549802 16**

miob6287	ncr1345	ncr7253	ncrb2028	ncrb2772	ncrb6654	ncrc3049	ncrc8891
ncr0902	ncr1627	ncrb1228	ncrb2058	ncrb4789	ncrb7188	ncrc3877	SEOB1268

**294. ADP-ribosylation factor 4 (ARF4) AF104238.1 16**

MIOA0013a	miob4316	ncr8452	ncrb3973	ncrc1496	SEOA5652a	SEOA7343a	seob4251
MIOA6439a	ncr5196	ncrb0810	ncrb4061	SEOA4281a	seoa7018	seoa7759a	seob5745

**295. KVLQT1 gene (=p150)AJ006345.1 16**

hfc3775	MIOA0061a	MIOA3695a	MIOA7334a	ncr4048	ncr7137	ncrb1701	ncrc0505
hfc9450	MIOA2978a	MIOA5265a	miob6704	ncr6696	ncr8660	ncrb7100	seob7430

**296. thrombospondin 2 (THBS2) L12350 16**

FCR1336	FCR3370	hfc0291	ncrc5883	SEOA2455a	SEOA6905	seoa7807a	SEOB0123
FCR2141	FCR6952	MIOA8304	ncrc9957	SEOA2831n	SEOA7593a	seoa8097	SEOB0410

**297. "fatty acid binding protein 4, adipocyte (FABP4), mRNA /cds=(47,445) /gb=NM\_001442 /gi=4557578 /ug=Hs.83213 /len=619 "Hs.83213 16**

MIOA5583a	mioa7723a	mioa7892	mioa9575	mioa9745	miob1199	miob3155	miob6651
MIOA6577a	mioa7818a	mioa9547	mioa9612	mioa9757	miob1343	miob6508	SEOA4424a

**298. p40 AAC51266.1 16**

MIOA8456	mioa9960	miob6410	ncr7569	ncr8062	ncrb0428	ncrc2019	ncrc2421	ncrc2632
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ncrc3070	SEOB1737	seob3844	seob4249	seob6622	seob8025	seob8207	
<b>299. TI-227H (=tomoregulin; mitochondrial)D50525</b>				<b>16</b>			
hfc6746	MIOA4915a	ncrb0156	ncrb6158	ncrb8012	ncrc2139	SEOA0515	seob3601
hfc7806	ncr5437	ncrb4149	ncrb6360	ncrb8434	ncrc5677	SEOB3502	seob4664
<b>300. cyclin I D50310</b>				<b>16</b>			
FCR6877	fcrb1464	MIOA2886a	miob0137	ncrb0272	ncrc3844	SEOA5769	seob7021
fcrb0677	fcrb2275	MIOA9014	ncr5249	ncrb2704	SEOA2837	SEOB3183	SOA0525
<b>301. "S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) (S100A10) "NM_002966.1</b>				<b>16</b>			
ncrc6127	MIOA8130	ncrc3807	seob5087	seob5292	seob7460	SEOA9659	SEOA9691
ncr9646	miob0686	SEOB2130	seob5107	seob5648	seob5893	mioa9434	SEOA3273n
<b>302. ribosomal protein L28U14969</b>				<b>16</b>			
FCR3685	FCR5469	hfc1824	hfc7392	hfc2235	hfc9020	fcrb0010	hfc9872
BFCN0034	FCR7290	hfc6942	hfc0889	hfc6267	fcrb1186	fcrb1000	fcrb2713
<b>303. glucocorticoid-induced GILZ AF228339</b>				<b>16</b>			
ncrb3628	ncrc4721	ncr9178	hfc1866	hfc9358	ncrc1704	SEOA7394a	ncrb8665
ncr5693	ncrc5763	ncr1667	hfc6635	MIOA7092a	SEOA5264a	seob8258	seob4041
<b>304. collagen type V alpha 2 (COL5A2)M11718</b>				<b>15</b>			
hfc0692	hfc3750	mioa6246a	ncrb4867	seoa4971a	seoa8393an	SEOA9535	seob6479
hfc0832	hfc6073	mioa9938	SEOA4846a	seoa6419n	seoa8393an	SEOA9668	
<b>305. "H3 histone, family 3A (H3F3A) "NM_002107.1</b>				<b>15</b>			
fcrb0728	hfc0574	hfc6070	hfc8767	ncrb3203	ncrb8743	seob2329	seob6674
fcrb1821	hfc5845	hfc6281	hfc9782	ncrb5790	SEOA9693	seob4122	
<b>306. "neural precursor cell expressed, developmentally down-regulated 5 (NEDD5) "NM_004404.1</b>				<b>15</b>			
FCR2089	FCR6785	hfc0837	MIOA0951	mioa9366	ncrb6204	SEOB1151	SOA0100
FCR4924	fcrb2635	hfc6723	MIOA6248a	ncrb1349	ncrb8561	seob5400	
<b>307. heat shock factor binding protein 1 (HSBP1) NM_001537.1</b>				<b>15</b>			
fcrb1777	miob5862	ncrb4380	SEOA4024a	SEOA6354	SEOA8902	SEOB2208	seob3916
MIOA1255m	ncr7470	SEOA0509	SEOA5851	seoa6834	SEOB0101	SEOB2945	
<b>308. glypican 3 (GPC3) (chromosome X) (=L47176 GTR2-2) L47125</b>				<b>15</b>			
FCR0107	fcrb1848	hfc0861	hfc2549	hfc4266	hfc7490	hfc9156	hfc9601
fcrb0751	fcrb2136	hfc2498	hfc3504	hfc5994	hfc8374	hfc9472	
<b>309. translocation protein 1(TLOC1) NM_003262.1</b>				<b>15</b>			
FCR2485	hfc9543	MIOA5784a	miob0372n	miob7015	ncr6289	ncrb1747	ncrc2675
hfc3911	MIOA3185a	MIOA6270a	miob5755	ncr5465	ncrb1723	ncrb8259	
<b>310. thrombospondin 4 (THBS4) NM_003248.1</b>				<b>15</b>			
hfc4670	hfc6037	hfc6189	hfc9433	MIOA2828a	miob3329	miob5746	ncr0164
							ncr0692

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ncr7649	ncrb6505	ncrb6507	ncrb8139	ncrc9757	ncrc9921		
<b>311. 6.2 kd protein AJ011007 15</b>							
MIOA4177	ncr6892	ncr8110	ncrb1495	ncrb6119	ncrc1696	ncrc4632	ncrc6050
ncr2492	ncr7965	ncrb0317	ncrb2966	ncrb6205	ncrc3935	ncrc5244	
<b>312. "mannosidase, beta A, lysosomal (MANBA) gene, and ubiquitin-conjugating enzyme E2D 3 (UBE2D3) genes, complete cds "AF224669.1 15</b>							
fcrb2158	hfr9522	ncr2012	ncr7125	ncrb8391	SEOA9333	seob4910	seob6136
hfr9008	miob6641	ncr5211	ncrb6794	ncrc9207	SEOB0295	seob5524	
<b>313. ubiquitin-like 1 (sentrin) (UBL1) (=SUMO-1)NM_003352.1 15</b>							
fcrb2299	MIOA1514	MIOA3298a	MIOA6545a	miob6701	miob6966	ncrb5111	SEOA7278a
hfr7812	MIOA2366a	MIOA4597a	MIOA9158	miob6839	ncrb1915	ncrb7655	
<b>314. TGF-betaIIr alpha D50683 15</b>							
fcrb1569	miob3701	ncr4732	SEOA4878a	seoa8150	SEOB3138	seob7413	
MIOA0324	ncr0091	ncrb8188	seoa7877a	SEOB2962	seob6540	seob8187	
<b>315. "H2A histone family, member Z (H2AFZ) = D28450.1 "NM_002106.1 15</b>							
fcrb0069	fcrb2616	ncr0833	ncr8131	ncrb1741	ncrb6897	ncrc6131	SEOA9935
fcrb1660	hfr4345	ncr5159	ncrb1101	ncrb2751	ncrc0444	ncrc6991	
<b>316. MAFB/Kreisler basic region/leucine zipper transCRiption factor (MAFB) AF134157.1 15</b>							
hfr3058	SEOA0180a	SEOA1690a	SEOA2929a	SEOA8326a	SEOA9070	seob5371	seob7477
ncrc4224	seoa0260m	SEOA1819a	SEOA3962a	SEOA8976	SEOA9680	seob5999	
<b>317. cig19 (=D31887.1 KIAA0062) AF026940.1 15</b>							
hfr1965	MIOB2703	ncr4393	ncrb4383	ncrc9696	SEOA4722a	SEOA6527a	seob5027
MIOA4567a	ncr2005	ncr7680	ncrc0876	SEOA3008a	SEOA6292	SEOB2802	
<b>318. UMP-CMP kinase AF110643.1 15</b>							
MIOA1365a	MIOA7560a	miob0186	ncrc0572	seoa4939a	SEOB0045	SEOB1884	seob6043
MIOA7266a	MIOA9137	ncrb2630	ncrc4257	SEOA6412	SEOB1232	seob5801	
<b>319. cytochrome c oxidase subunit II gene (ORF) AF004339 15</b>							
FCR3769	hfr8463	MIOA4601a	ncr5293	ncrb2486	ncrc0064	ncrc1831	ncrc4975
hfr1831	MIOA4601a	ncr1620	ncrb0496	ncrb4172	ncrc1511	ncrc4860	
<b>320. cytosolic selenium-dependent glutathione peroxidase (=L09159 RHOA proto-oncogene multi-drug-resistance protein) M83094 15</b>							
BFCS0206	MIOA0220a	MIOA3294a	miob1458	miob1894	ncrc4029	SEOA9393	seob5049
nfrb0870	MIOA2195a	miob0947	miob1748	ncrb2586	ncrc9885	seob4283	
<b>321. collagen type XIV variant C-terminal NC1 and 3'UTR Y11711 15</b>							
BFCS0522	FCR1646	hfr1344	MIOA2838a	ncr1024	ncr9503	ncrc4809	ncrc6460
FCR0816	FCR3768	hfr1775	MIOA9064	ncr1338	ncrb2515	ncrc6241	seob5159

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<b>322.</b>	<b>phosphoglycerate mutase (PGAM-B) J04173</b>						<b>15</b>
BFCW0352	FCR6693	hfc3845	MIOA1429	SEOA3533a	SEOB0725	seob3893	seob7720
FCR2076	hfc2965	hfc6961	ncrc3529	seoa7828a	seob2297	seob6729	
<b>323.</b>	<b>phosphoglycerate kinase 1 (PGK1) (ORF) NM_000291.1</b>						<b>15</b>
fcrb0185	hfc9745	mioa9525	ncrb5872	ncrc2098	SEOB0670a	SEOB2750	seob6351
hfc7097	MIOA9052	ncr0939	ncrc1503	SEOA9010	SEOB2062	seob3387n	
<b>324.</b>	<b>reverse transcriptase related proteinprf1207289A</b>						<b>15</b>
hfc5810	miob7018	ncr7663	ncrb0058	ncrb2808	ncrb3960	ncrc2318	seob6545
miob6700	ncr5586	ncr8851	ncrb1127	ncrb3038	ncrc2149	ncrc4513	
<b>325.</b>	<b>Heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) NM_004501.1</b>						<b>15</b>
FCR2042	FCR7696	MIOA3671a	MIOB2606	ncr1165	ncrb3222	SEOA0939	seob6049
FCR6889	MIOA3620a	miob1275	miob5679	ncr6939	ncrc5417	SEOA9383	
<b>326.</b>	<b>collagen type XII alpha 1 (COL12A1) U57362</b>						<b>15</b>
BFCW0395	CR0866	fcr4678n	FCR7100	fcrb1407	MIOA3675a	SEOA1025	SEOA6056a
CR0076	FCR0866	FCR6369	FCR7288	HFCR2379	MIOA4015a	SEOA2365a	
<b>327.</b>	<b>small nuclear ribonucleoprotein D2 polypeptide (16.5kD) (SNRPD2) NM_004597.3</b>						<b>14</b>
fcrb0985	mioa9470	ncr1413	ncr9880	ncrb7754	SEOA9585	seob7497	
hfc7462	miob3301	ncr8798	ncrb5052	SEOA8206	seob3734	seob8055	
<b>328.</b>	<b>Cu/Zn superoxide dismutase (SOD) X02317</b>						<b>14</b>
FCR6102	hfc8874	MIOA9169	miob3138	SEOA1101a	SEOA2727	seob2608	
hfc3731	MIOA5160a	MIOB2635	ncrc4376	SEOA1268A	SEOA8342a	seob7364	
<b>329.</b>	<b>Nuclease sensitive element binding protein 1 (NSEP1) = L28809.1 dbpB-like protein (ORF) NM_004559.1</b>						<b>14</b>
FCR2939	hfc6678	MIOA4737	ncrb0819	SEOA1238A	SEOA9679	SEOB2988	
hfc3434	hfc9668	MIOA8629	ncrc8901	SEOA8619	SEOB1772	seob5301	
<b>330.</b>	<b>phospholipase A2 M86400</b>						<b>14</b>
MIOA2136	miob2432	miob4828	ncrb1392	SEOA1403	SEOA2378a	SEOB3568	
mioa9884	miob3597	ncr1732	ncrb1953	SEOA1427a	SEOA9524	seob8096	
<b>331.</b>	<b>glutamine synthetase S70290</b>						<b>14</b>
MIOA4201	ncr7533	ncrb1325	ncrb4472	ncrc6671	ncrc9338	SEOA7552a	
ncr7420	ncrb1309	ncrb1878	ncrc2437	ncrc9174	ncrc9969	SEOB2955	
<b>332.</b>	<b>cathepsin B (CTSB) L22569</b>						<b>14</b>
FCR2119	hfc9002	miob4773	ncrb7777	SEOA4703a	SEOA6052a	seob1053	
hfc7871	MIOB2795	ncr2242	ncrc3151	SEOA5433	SEOA9083	seob8032	
<b>333.</b>	<b>thyroid receptor interactor (TRIP7) L40357</b>						<b>14</b>
FCR6704	hfc8493	MIOA6546a	miob4925	ncr9546	SEOA7469a	seob4762	
hfc5410	MIOA1247	mioa9893	ncr7617	ncrb1198	SEOB0010	seob7634	



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**334. alpha-2-macroglobulin D83196**

**14**

CR0112	hfc7076	mioa7943	miob1378	miob5627	ncrb5537	ncrc9619
FCR5854	MIOA3772	mioa9817	miob2385	ncr1275	ncrb5865	SEOA1661a

**335. Tis11d geneU07802**

**14**

CR0496	FCR3451	hfc8497	miob3896	ncr5461	ncr9142	ncrb7969
FCR0253	hfc0547	MIOA1535	miob6162	ncr8884	ncrb5080	ncrc6872

**336. vacuolar sorting protein VPS29/PEP11 (LOC51699) NM\_016226.1**

**14**

hfc6881	MIOA5730a	MIOB1568	ncrb4877	SEOA7543a	seob5045	seob6569
hfc9626	MIOA8246	ncr2248	SEOA5766	seob2604	seob5706	seob7384

**337. low molecular mass ubiquinone-binding proteinD50369**

**14**

FCR2991	hfc2646	ncr1603	ncr7460	SEOA0176a	SEOA7629a	seoa8045	SEOA9638
FCR7364	hfc9416	ncr7247	ncrb1907	SEOA5354	seoa7868a	SEOA9331	

**338. Ku autoimmune antigen gene J04977.1**

**14**

FCR0653	MIOA1602a	MIOA3680a	miob1804	miob6317	ncr0258	SEOB3440
MIOA1532	MIOA2183a	MIOA4039a	miob4819	miob6911	SEOA3837	seob3998

**339. transforming growth factor beta-stimulated protein TSC-22 (TSC22) NM\_006022.1**

**14**

fcrb0349	hfc3050	hfc6448	mioa9403	ncr1471	ncr4787	ncrc5607
hfc2723	hfc5167	MIOA6889a	miob6391	ncr4524	ncrb3821	ncrc6092

**340. caldesmon M64110**

**14**

MIOA2292a	miob3460	seoa0807m	SEOA5711a	SEOA9254	seob5202	seob7763
MIOA6949a	SEOA0282	SEOA2519	SEOA8350a	SEOB3381	seob6640	SOA0068

**341. HSPC330 mRNA(=HSPC016) AF161448.1**

**14**

fcrb1888	hfc0240	hfc4067	ncr2059	ncrb7599	seob3875	seob6067
fcrb2719	hfc2635	ncr1733	ncr3556	seoa7837a	seob4169	seob7037

**342. syndecan binding protein (syntenin) (SDCBP)(ORF) = AF000652.1 NM\_005625.1**

**14**

FCR2042	MIOA3620a	MIOA9097	miob2839n	ncr6939	ncrb4505	SEOA9383
FCR2427	MIOA3671a	MIOB2606	ncr4115	ncr7354	ncrc5417	seob4008

**343. triosephosphate isomerase (TPI1) M10036**

**14**

BFCS0054	FCR0163	fcrb0241	hfc0774	MIOA7123a	ncr7776	ncrb3431
BFCS0420	FCR4704	fcrb1261	hfc3496	ncr2105	ncrb2857	ncrb3988

**344. transcription elongation factor Bpolypeptide 1-like (RefSeq aa 8e-72) NP\_003188.1**

**14**

ncr1480	ncr2397	ncr7565	ncrb3532	ncrc1883	ncrc3358	ncrc9332
ncr1720	ncr2805	ncr8305	ncrc1877	ncrc2475	ncrc7196	

**345. heat shock 70kD protein 10 (HSC71) (HSPA10) NM\_006597.1**

**13**

ncrc3867	hfc5148	ncr1798	ncr9949	ncrb7512	seoa8132	SEOA4092
ncrc4108	miob0188	ncr2528	ncrb4368	seoa8016	seob4292	

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<b>346. transmembrane protein (CD59) M84349.1 13</b>						
FCR2333	ncr2042	ncrc5429	ncrc6795	SEOA7603a	SEOA9654	seob3884
ncr0236	ncrb1165	ncrc6553	SEOA3563a	SEOA8701	SEOB1555	
<b>347. hfc4485chloride intracellular channel 4 like (CLIC4L) NM_013943.1 13</b>						
MIOA8910	miob3235	ncr7412	ncrb1849	ncrb5798	seob3838	
mioa9483	ncr1808	ncr7528	ncrb2510	seob3668	seob5252	
<b>348. phenylalkylamine binding protein gene AF196969.1 13</b>						
FCR2647	hfc4215	miob1300	miob3982	miob6402	ncr2512	SEOB0406
hfc2986	mioa9636	miob2538	miob5462	miob6718	ncr4972	
<b>349. collagenase type IVJ03210 13</b>						
FCR0355	FCR3441	FCR4854	hfc2294	hfc9228	ncrc3432	SEOA0130
FCR1534	FCR3539	hfc0037	hfc8964	hfc9946	ncrc3882	
<b>350. "calnexin (CANX) integral membrane protein, calnexin, (IP90) "M94859 13</b>						
MIOA6162a	ncr6614	ncrb1367	SEOA0869	SEOA4420a	SEOA9949	seob5341
miob6612	ncrb1142	ncrb2157	SEOA1989	SEOA7415a	seob4255	
<b>351. actin binding protein ABP620 AB029290.1 13</b>						
FCR1348	FCR3355	ncr3194	ncrb0124	ncrc5929	SEOA2658	SOA0569
FCR1900N	MIOA8740	ncr4577	ncrb0911	SEOA0184a	SEOB3191	
<b>352. peripheral myelin protein 22 M94048 13</b>						
hfc0969	hfc3059	hfc5497	MIOA3290a	ncr2264	ncrc2363	seoa4963a
hfc2787	hfc3682	MIOA1470	MIOA5176a	ncrc0314	ncrc2627	
<b>353. syntaxin 4 binding protein UNC-18c (UNC-18c) AF032922.1 13</b>						
FCR7201	hfc0295	hfc0772	hfc3830	hfc4111	miob4441	SEOA4380a
fcrb0289	hfc0395	hfc1250	hfc4000	hfc4115	SEOA2626	
<b>354. CGI-110 protein AF151868.1 13</b>						
fcrb1776	miob4563	ncr5234	ncrc1717	SEOA7339a	SEOB1648	seob6261
MIOA5710	ncr2898	ncrb0381	SEOA3748a	SEOA9793	seob5117	
<b>355. HSPC163 AF161512 13</b>						
MIOA5738a	MIOB2099	ncrc3860	SEOA2928a	SEOA7936a	SEOA8913	seob6440
MIOA8029a	miob4040	ncrc6931	seoa6936	SEOA8398a	seob5818	
<b>356. sin3 associated polypeptide (SAP18) AF153608 13</b>						
FCR3825	hfc9011	MIOA5075a	miob4559	ncr8336	ncrb4084	seob8035
FCR4035	MIOA3802	MIOA5712	ncr5807	ncrb1672	seob4419	
<b>357. "TPT1 gene for translationally controlled tumor protein (TCTP), exons 1-6 "AJ400717.1 13</b>						
hfc0599	ncr0604	ncrb0687	ncrb6164	ncrb8494	ncrc4170	SEOA9701
hfc3810	ncr5164	ncrb0952	ncrb8101	ncrc0138	ncrc8984	

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**358. ribosomal protein S15 (RPS15) (=insulinoma rig-analog encoding DNA-binding protein mRNA) NM\_001018.1 13**

BFCN0261	FCR3376	FCR4979	FCR7585	hfc0265	hfc9648	ncrc9050
FCR0773	FCR4474	FCR6413	fcrb0599	hfc0855	ncrc5329	

**359. ribosomal protein S26 NM\_001029.1 13**

CR0144	FCR5838	hfc0998	hfc8913	ncr8817	ncrb7370	ncrc5524
FCR5835	fcrb1728	hfc3880	ncr3357	ncrb3875	ncrb8503	

**360. pre-mRNA splicing factor (SFRS3) AF107405.1 13**

hfc6649	hfc9687	MIOA6587a	ncr5614	SEOA1065a	SEOB1333	seob6325
hfc7969	MIOA2789a	ncr4018	ncrb1089	SEOA7438a	seob4889	

**361. thrombospondin 1 (THBS1) NM\_003246.1 13**

FCR1938	FCR4904	hfc3776	MIOA3306a	miob1337	ncrc1989	SEOB1572
FCR2322	hfc3694	MIOA1849a	MIOA7230a	miob4729	ncrc3235	

**362. insulin-like growth factor binding protein 5 (IGFBP5) geneL27556.1 13**

BFC0531	fcrb2284	hfc0163	miob3679	ncr2186	ncrb7583	SEOA2999a
FCR4401	hfc0067	hfc5815	ncr0212	ncrb6251	ncrc9365	

**363. "fibroblast activation protein, alpha; seprase (FAP) "NM\_004460.1 13**

BFC0081	ncr7976	ncrb8430	ncrc4864	SEOA0379	SEOA9349	seob7378
hfc6348	ncrb4216	ncrc4637	ncrc5644	SEOA0418	seob6762	

**364. thymosin beta-10 S54005 13**

BFCN0192	BFC0498	FCR7015	hfc1651	hfc6708	miob5040	seob2594
BFC0260	FCR0901	fcrb1755	hfc5138	miob2952	SEOA9445	

**365. HSPC005 (=C11orf10)AF070661 13**

miob2949	SEOA0838	SEOA7508a	SEOB1851	SEOB3550	seob5321	seob8099
ncr3751	SEOA5845	SEOA9282	SEOB3304	seob3671	seob7871	

**366. Chaperonin (hsp60 gene) AJ249625.1 13**

FCR3042	hfc0048	hfc0617	hfc0740	hfc0913	hfc1382	hfc4080
FCR3101	hfc0056	hfc0619	hfc0801	hfc1043	hfc3915	SEOA8776

**367. HS1 protein (=YWHAQ)X57347 13**

hfc1164	miob3075	ncrb2474	ncrc2895	SEOA3467a	SEOB1575	seob6736
MIOA6703a	ncr2931	ncrb8416	SEOA3219	SEOA4083	seob5521	

**368. electron transfer flavoprotein alpha-subunit J04058.1 13**

HFCR3110	ncr2474	ncrb1083	ncrb5146	ncrc1288	ncrc9056	ncrc9148
ncr0832	ncrb0363	ncrb1888	ncrc0647	ncrc6380	ncrc9082	

**369. "integrin, beta 1(fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) (ITGB1), mRNA " NM\_002211.1 13**

ncrb8189	SEOA8715	seob5191	seob4014	seob4875	miob3079	ncrb3229
ncrc1083	SEOB0137	mioa9237	seoa7845a	miob0717	ncr8569	

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<b>370. "Fritz mRNA, complete cds "U91903.1</b>						<b>13</b>
ncrc6687	hfc1679	MIOA0833a	ncr2567	ncrb4792	ncrb7677	ncrc2638
fcrb2710	MIOA0224a	MIOA7285	ncrb3850	ncrb5984	ncrc0145	
<b>371. heterogeneous nuclear ribonucleoprotein K (HNRPK) NM_002140.1</b>						<b>12</b>
fcrb1262	hfc1844	hfc3761	mioa7636a	miob6560	SEOA9424	
hfc0751	hfc3650	MIOA0039a	MIOA9095	SEOA8679	seob8004	
<b>372. heat shock 90kD protein 1 beta (HSPCB) NM_007355.1</b>						<b>12</b>
hfc0495	hfc3515	hfc7576	MIOA3880a	miob6886	ncrb7400	
hfc2686	hfc5772	hfc9685	MIOA8974	ncr1628	ncrc4020	
<b>373. insulin-like growth factor binding protein 7 (IGFBP7) 4504618</b>						<b>12</b>
MIOA0182	MIOA6745a	miob3745	ncrc8954	SEOA1183A	seob6586	
MIOA2144	MIOB1561	ncrc5415	SEOA0416	SEOA5155a	seob7545	
<b>374. hypoxia-inducible factor 1 alpha (HIF-1 alpha) U22431</b>						<b>12</b>
MIOA0603a	MIOA7154a	miob0140	ncrb6740	SEOA1466a	SEOB0350	
mioa3898a	MIOA7541a	miob3753	ncrc3656	SEOA3639a	SEOB1224	
<b>375. growth arrest-specific 1 (GAS1) NM_002048.1</b>						<b>12</b>
MIOA5990a	miob1739	miob5798	ncrb5201	seob1347n	seob4339	
miob1147	miob4166	ncr3800	SEOA8389a	SEOB3074	seob8015	
<b>376. lactate dehydrogenase B (LDH-B) Y00711</b>						<b>12</b>
FCR0225	fcrb1042	ncr3885	ncrb0728	ncrb3542	SEOA6560a	
FCR0518	MIOB2861	ncr9600	ncrb2465	ncrc6273	seob5680	
<b>377. sterol carrier protein 2 S52450</b>						<b>12</b>
MIOA1913a	MIOA5681	miob3137	ncrb6820	ncrc7097	seoa4895a	
MIOA4816a	mioa9798	miob5709	ncrc2280	SEOA4301a	SEOB1877	
<b>378. mitochondrial proteolipid 68MP homolog (PLPM) NM_004894.1</b>						<b>12</b>
hfc7596	MIOA5789a	miob3767	ncr7075	SEOA2669	SEOA9152	seob7484
MIOA5119a	MIOA7530a	ncr1800	ncrb1731	SEOA8959	SEOA9889	
<b>379. hepatitis B virus X interacting protein (XIP) AF029890</b>						<b>12</b>
FCR3841	MIOA6150a	ncr0149	ncrc2441	SEOA6547a	SEOB1344	
MIOA3945a	miob3312	ncrb0651	SEOA6122a	SEOA9098	SEOB3428	
<b>380. nicotinamide N-methyltransferase (NNMT) U08021</b>						<b>12</b>
MIOA4755	ncr3954	ncr8431	ncrb8284	ncrc1280	SEOB0864a	
ncr0597	ncr7303	ncrb6904	ncrc1241	SEOA3223	seob5789	
<b>381. ATP synthase epsilon chain AF077045.1</b>						<b>12</b>
FCR4880	MIOA4312a	SEOA1308	SEOA2478	SEOA6053a	SEOA8387a	
MIOA2871a	MIOA5667	SEOA2409	SEOA2908a	SEOA6198a	SEOB2195	

**382. cytochrome c oxidase subunit VIIa (COX7A) muscle isoform M83186 12**

MIOA2493a	ncr3706	SEOA4885a	SEOB0876a	SEOB1416	seob6384
miob5066	SEOA4329a	SEOB0748	SEOB1071	seob5208	seob8323

**383. DEK oncogene (DNA binding) (DEK) gi4503248 12**

FCR0339	hfc2790	hfc9463	MIOA3237a	ncr5875	SEOB1007
FCR7054	hfc6686	MIOA0472	MIOA4215	SEOB0471	seob6348

**384. hypoxia-inducible gene 1 (HIG1) (=HSPC010) AF145385.1 12**

hfc0150	MIOA5613a	MIOA5941a	mioa9550	miob1969	SEOA9012
MIOA1954a	MIOA5768a	mioa9187	miob1879	SEOA3504a	seob5528

**385. activated RNA polymerase (PC4)NM\_006713.1 12**

hfc9414	miob1183	ncr3435	ncrc7012	SEOA8877	SEOA9897
MIOB0554	MIOB2342	ncrc0222	seoa7984	SEOA9111	seob4098

**386. breast carcinoma amplified sequence 2 (BCAS2) NM\_005872.1 12**

MIOA5124a	MIOA5507a	miob0819	miob4064	SEOA5065a	SEOA5806
MIOA5126a	mioa9919	MIOB2617	miob6601	SEOA5748a	seob6450

**387. enhancer-of-split and hairy-related protein 1 (SHARP-1) AF009329.1 12**

miob4684	ncr6729	ncr9492	ncrc0160	ncrc2142	ncrc4240
ncr1486	ncr8183	ncrb0726	ncrc2140	ncrc2583	SEOB2671

**388. BCL2/adenovirus E1B 19kD-interacting protein 3 (BNIP3) U15174 12**

fcrb2181	hfc5556	ncr6328	SEOA2875	SEOB1998
hfc4449	ncr5697	ncrb5526	SEOA5387	seob5618

**389. protein tyrosine phosphatase (hR-PTPu) X58288 12**

FCR2920	FCR5885	MIOA1520	ncr3398	ncrc1247	SEOA3322a
FCR5337	fcrb1962	miob4108	ncrb5871	SEOA1567	SEOA3324a

**390. "TRPM-2, cytosolic epoxide hydrolase, nicotinic acetylcholine receptor alpha2 subunit, and focal adhesion kinase genes "AF311103.1 12**

MIOA7452a	ncr7028	ncrb1939	ncrb4627	ncrb7915	ncrc5182
ncr2160	ncr8289	ncrb1988	ncrb7679	ncrc0149	ncrc8836

**391. colon carcinoma laminin-binding protein (=RIBOSOMAL PROTEIN SA (P40) )J03799.1 12**

BFCW0145	FCR2185	FCR4902	FCR5915	fcrb1190	MIOA6326a
FCR1495N	FCR3371	FCR5901	FCR7681	fcrb2256	seob7177

**392. alpha E-catenin (CTNNA1) gene AF102803.1 12**

FCR2472	hfc8861	miob4276	ncr4127	SEOA3989a	SEOA9438
FCR5779	MIOA7108a	ncr3682	ncr6932	SEOA8177a	seob2335

**393. Clk-associated RS cyclophilin CARS-Cyp U40763 12**

MIOA1457	MIOA2993a	miob4354	ncrb0670	SEOA0863	SEOB0469
MIOA1734	miob0841	ncr5843	ncrb2626	SEOA6363	seob5220

**394. suppression of tumorigenicity 13 (Hsp70-interacting protein) (ST13) NM\_003932.1 12**

hfc0952	ncr6902	ncrc0583	ncrc4561	SEOB0964	seob5241
hfc2718	ncr8215	ncrc1533	ncrc5276	SEOB3244	

**395. cytochrome c oxidase subunit VIIa polypeptide 2 like (COX7A2L) NM\_004718.1 12**

hfc6880	miob6860	ncr7259	ncrc0817	SEOB3431	seob6161
mioa7706a	ncr2971	ncr9722	SEOB0923	seob4178	SOA0565

**396. cyclin M74091 12**

BFCN0266	FCR7261	MIOA0241a	seoa0499m	SEOB0404	seob5777
FCR2682N	hfc2989	ncrb8392	SEOA1056a	seob4422	seob6245

**397. NADH dehydrogenase subunit 2 (ND2) AF014897.2 12**

FCR7621	MIOA6662a	ncrb6869	SEOA0409	SEOA1279a	SEOA3371a
hfc6020	ncrb6062	ncrc3708	SEOA0481	SEOA1973a	SEOA3547a

**398. "ATP synthase, H transporting, mitochondrial (RefSeq aa 1e-50) "NP\_001676.1 12**

ncr0832	ncrb0363	ncrb1888	ncrc0647	ncrc6380	ncrc9082
ncr2474	ncrb1083	ncrb5146	ncrc1288	ncrc9056	ncrc9148

**399. nuclear protein SDK3 (=MEMA)Y10351 12**

FCR0707	fcrb0353	HFCR3146	ncr0660	ncr6593	SEOA2326a
FCR1426	hfc1637	hfc9206	ncr1920	ncrb8214	SEOB2739

**400. 15 kDa selenoprotein (SEP15)AF051894 12**

MIOA195	MIOA6180a	SEOB3179	seoa4940a	ncr0420	SEOA4853a
FCR6830	SEOA7540a	mioa0509	seoa7871a	ncrb0814	SEOB1638

**401. eukaryotic translation elongation factor 1 gamma (EEF1G) NM\_001404.1 11**

hfc2557	hfc5010	hfc6590	ncr6705	ncrc3650	seoa8014
hfc3408	hfc6570	hfc6853	ncr7493	SEOA5795	

**402. transmembrane protein (p63)X69910 11**

BFCN0138	FCR1353	FCR7158	hfc2704	MIOA0878a	SEOA0166a
FCR0881	FCR1509	hfc1356	hfc6370	ncrb7028	

**403. "clathrin, heavy polypeptide-like 2 (CLTCL2) (=KIAA0034) "NM\_004859.1 11**

FCR7110	hfc5482	SEOA2832	SEOA9443	seob6028	seob7702
hfc0645	SEOA2237a	SEOA8296	seob4053	seob6599	

**404. extracellular matrix protein AB011792 11**

MIOA2065	MIOB1515	miob6658	SEOA4536	SEOA8914	seob1044
MIOA7588a	miob6616	ncrb2008	SEOA7366a	SEOB0985	

**405. mesoderm specific transcript (mouse) homolog (MEST) NM\_002402.1 11**

BFCN0024	fcrb0367	hfc0635	hfc2868	hfc7711	hfc8189	ncrb5171
CR0995	fcrb2221	hfc2678	hfc6331	hfc7824	hfc8438	

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**406. KIAA0728 AB018271.1 11**

MIOA3589 a	MIOA8647	MIOA8775	SEOA0308	SEOA8567
MIOA7326	MIOA8675	mioa9927	SEOA2922a	SEOA9461

**407. ADP/ATP translocase J03592 11**

ncrc6219	FCR0529	hfc6003	hfc7352	ncrb1143	ncrc5156
ncrc5690	FCR1979	hfc6806	ncr8840	ncrb4275	

**408. UDP-glucose dehydrogenase (UGDH) AF061016 11**

fcrb2127	MIOA1608a	mioa9188	ncrc5802	seoa0343m	seob5608
hfc8759	MIOA9041	miob4237	ncrc9871	SEOA9556	

**409. "protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (PPP2CA) "NM\_002715.1 11**

fcrb1134	HFCR2381	mioa3115an	miob7006	ncr5363	ncrc1624	SEOA8973
fcrb1963	hfc6350	miob1757	ncr4735	ncrb6870	SEOA4626a	

**410. "protein C inhibitor [human, leukocytes, Genomic, 1402 nt, segment 5 of 5] "S69366.1 11**

hfc3465	ncr0429	ncr2174	ncrb5531	SEOA2955a	SEOB0695a
miob4855	ncr0429	ncrb4919	ncrc5655	SEOA3799a	

**411. ribophorin II (RPN2) Y00282 11**

FCR4984	fcrb0657	hfc3783	hfc6196	ncrb8779	seob5724
FCR7138	hfc3424	hfc6013	ncrb0908	ncrc3753	

**412. ubiquitin-conjugating enzyme E2B (RAD6 homolog) (UBE2B) NM\_003337.1 11**

FCR6968	miob0578	ncr0613	ncrb1221	ncrb4008
MIOA4635a	ncr0613	ncrb0276	ncrb2399	SEOB2171

**413. ERF-1 X79067.1 11**

CR0906	hfc9738	ncrc9385	SEOA2917a	SEOB3385	seob5452
FCR6901	ncr0644	SEOA1455a	SEOA6169a	seob4150	

**414. zinc finger transCRiption factor GKLf AF105036.1 11**

MIOA3760a	miob0453	ncr6403	ncrb1729	ncrb4528	ncrc9808	seob6490
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**415. GABA(A) receptor-associated protein (GABARAP) NM\_007278.1 11**

fcrb1695	hfc6884	hfc9432	ncrb7119	SEOB2081	seob8081
hfc6729	hfc7370	ncr9828	ncrc6747	SEOB2104	

**416. titin (TTN) gene CAA49245.1 11**

FCR0499	FCR5534	hfc6093	MIOA8863	SEOA4869a	SEOA8910
FCR2596	FCR6432	MIOA4234	ncrb4960	seoa8101	

**417. epidermal growth factor receptor kinase substrate (Eps8) U12535 11**

fcrb1872	MIOA1201	MIOA4808a	ncr6937	SEOA4469a	SEOB0882a
MIOA0693	MIOA2792a	miob0990	ncrb5095	SEOA5575a	

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**418. FRG1 L76159 11**

MIOA6784a	SEOA3640a	hfc1853	ncrb2291	ncr6852
SEOA1873a	seob4930	miob6153	ncrb1068	seoa3167m

**419. E25B protein U76253 11**

FCR0217	FCR2239	FCR2511	FCR5801	FCR6983	MIOA0857a
FCR2117	FCR2287	FCR4052	FCR6929	FCR7277	

**420. transCRiption factor BTF 3 X74070 11**

FCR1704	fcrb0272	hfc2234	MIOA2119	SEOA3555a	SOA0021
FCR3732	fcrb1093	hfc6397	ncrc4193	seob6890	

**421. transmembrane glycoprotein (GPNMB) X76534 11**

MIOA3399a	miob4678	ncr3485	SEOA1246A	SEOA3036a	seob6227
miob3330	miob5777	ncrb4997	SEOA2740	SEOB2060	

**422. profilin II L10678.1 11**

ncrc5357	FCR2109	hfc8624	ncrb7680	SEOB0325	seob6303
ncrc5350	FCR6090	miob5440	SEOB0325	SEOB2002	

**423. calreticulin (CALR) M84739 11**

FCR0725	FCR1394	FCR7051	hfc7494	ncrc4798	seob4731
FCR1173	FCR1823	hfc6791	ncr2516	seoa0010m	

**424. ADP-ribosylation factor 1 M84326.1 11**

CR0077	FCR1252	hfc2772	hfc7510	MIOA2898a	ncrb4497
CR0311	fcrb1341	hfc7361	MIOA2560a	miob4593	

**425. 16.7Kd protein AF078845.1 11**

fcrb0336	hfc6732	miob5108	ncrb1288	SEOA2829	seob5750
hfc3798	MIOA0132	ncr1427	ncrb5245	SEOB0808a	

**426. KIAA1247 AB033073.1 11**

SEOB3220	ncrb7995	ncrc0060	ncrb1281	miob4798	seoa7776a
seob4939	ncrb2014	seoa8102	miob4746	ncr9102	

**427. peroxiredoxin 1 (PRDX1) (=NKEFA) NM\_002574.1 11**

ncrc3471	ncr5721	ncrb3579	ncrc0249	hfc8786	SEOB3098
FCR6941	ncrb0368	ncrb7886	hfc2783	miob3468	

**428. "poly(A)-binding protein, cytoplasmic 1 (PABPC1) "NM\_002568.1 11**

ncrc6635	ncrb3185	seob5908	hfc9288	seob7555	SEOA2058
SEOA8468	ncrb6910	seob6202	fcrb1942	seoa2058n	

**429. tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide (YWHAQ) "NM\_006826.1 11**

ncr2931	hfc6130	ncrb8416	seob6736	miob3075	ncrb2474
hfc2237	SEOB1575	seob5521	SEOA3467a	hfc1164	



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**430. myosin light chain 3 non-muscle (MLC3nm) M31212 10**

hfc2213 MIOA3051a MIOA3334a MIOB2174 SEOA1364 SEOA6199a SEOA6397 SEOA6604a SEOA7112a

**431. Lsm3 protein AJ238095.1 10**

mioa0741m ncr5137 ncrb6036 SEOA7286a seob5389  
MIOA3289a ncrb1203 ncr2240 seob2556 seob8030

**432. "CD164 antigen, sialomucin (CD164) "NM\_006016.1 10**

forb1826 ncrb1665 ncr2268 seoa7036 SEOA8770 seob4040  
miob2905 ncr0020 ncr6819 SEOA7109a SEOB0595

**433. collagen type XVI collagen alpha 1 (COL16A1) S57132.1 10**

FCR2199 FCR7264 hfc5718 hfc7042 hfc9095  
FCR5660 hfc0053 hfc6204 hfc7659 hfc9497

**434. SET translocation (myeloid leukemia-associated) (SET) =M93651 NM\_003011.1 10**

hfc0401 MIOA0230a ncr4100 SEOA1477 seoa7738a  
hfc2673 MIOA5576a ncr8300 SEOA1654a SEOA8677

**435. myloid-beta protein (APP) M33112.110**

mioa9979a miob5608 ncrb5060 SEOA0978 SEOB0612  
miob4923 ncrb2598 ncrb7184 SEOA4840a seob6030

**436. vesicle docking protein p115 (P115) NM\_003715.1 10**

MIOA3774 MIOA3950a ncrb8653 SEOA3389a seob5337  
MIOA3820 MIOB1552 ncr9202 seob4058 seob8173

**437. "hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds (=H4 histone ) "U91328.1 10**

MIOA6860a miob6810 ncr9508 SEOA9196 SEOB3101  
miob6462 ncr9038 ncrb4405 SEOB2709 seob5891

**438. cell cycle progression 8 protein (CPR8)(ORF)=AF011794 NM\_004748.1 10**

miob0822 ncr6004 SEOA4460a seob5776 seob7569  
miob4330 ncrb2939 seob4894 seob7167 SOA0471

**439. KIAA0438 AB007898.1 10**

FCR6408 miob1296 ncr1347 ncr0544 SEOB2994  
MIOA2068 ncr1161 ncr8905 SEOA9249 seob7431

**440. actin, alpha, cardiac muscle "NP\_005150.1 10**

hfc0046 ncr0287 ncr8053 ncrb3944 ncr2893  
hfc3820 ncr2635 ncrb3585 ncrb8314 ncr3564

**441. GAP-associated tyrosine phosphoprotein p62 (Sam68) (SAM68) (=p62) NM\_006559.1 10**

forb1633 miob6430 ncr1099 ncr5184 SEOA5333a  
HFCR3200 ncrb2174 ncr1836 SEOA5331a SOA0445

<b>442.</b>	<b>sphingolipid activator protein 1 J03015</b>				<b>10</b>
FCR7349	hfc9348	MIOA1408a	SEOA2418a	seob6722	
hfc90602	hfc9582	ncrc2060	seob4670	seob7354	
<b>443.</b>	<b>"transcription elongation factor A (SII), 1 (TCEA1) "NM_006756.1</b>				<b>10</b>
MIOA5194a	ncrc5961	SEOA1623a	seoa4102an	seob4855	seob6112
<b>444.</b>	<b>nuclear pore complex interacting protein (NPIC) AF132984.1</b>				<b>10</b>
hfc1964	ncr3945	ncr9327	ncrb4262	ncrb6295	
ncr1009	ncr7884	ncrb1406	ncrb5333	ncrc1279	
<b>445.</b>	<b>ganglioside expression factor 2 (GEF-2) NM_007285.1</b>				<b>10</b>
hfc3627	ncrb1310	ncrc6693	SEOA9183	SEOB1173	
miob6881	ncrb6571	SEOA3391a	SEOA9809	SEOB1236	
<b>446.</b>	<b>Down syndrome candidate region 1 (DSCR1) NM_004414.2</b>				<b>10</b>
hfc7398	ncr8456	SEOA1248A	seob5168	seob5500	
MIOB2263	ncrb4080	seoa6971	seob5383	seob7052	
<b>447.</b>	<b>S164 (=AC004858 U1 small ribonucleoprotein 1SNRP homologue) AF109907</b>				<b>10</b>
hfc1142	MIOA3915a	ncrb4859	ncrc3300	SEOA4391a	
MIOA3717a	MIOA5193a	ncrc0819	SEOA1429a	seob6832	
<b>448.</b>	<b>proline-rich protein with nuclear targeting signal (B4-2) NM_006813.1</b>				<b>10</b>
mioa3816 n	MIOA9107	miob3358	ncrb2712	SEOA9943	
mioa7798a	miob1918	ncr9124	ncrc3319	SEOB1152	
<b>449.</b>	<b>PAPS synthetase-2 (PAPSS2) AF074331.1</b>				<b>10</b>
hfc5974	MIOA7506a	ncr1495	ncrc5328	SEOA9469	
hfc8446	miob4104	ncrb6432	SEOA6390	seob7696	
<b>450.</b>	<b>RIBOSOMAL PROTEIN SA (P40) spP08865</b>				<b>10</b>
BFCW0145	FCR2185	FCR4902	FCR5915	MIOA6326a	
FCR1495N	FCR3371	FCR5901	FCR7681	seob7177	
<b>451.</b>	<b>ataxia telangiectasia (ATM) gene U82828.1</b>				<b>10</b>
miob1883	ncr1491	ncr9171	ncrc0220	seob4846	
miob3905	ncr4946	ncrb5211	seob3726	seob5131	
<b>452.</b>	<b>ARP2/3 protein complex subunit p21 (ARC21=AF006086 (ORF) NM_005719.1</b>				<b>10</b>
hfc6039	MIOA1940a	miob1825	miob6279	SEOA4107a	
MIOA1830a	MIOA7630a	miob5687	ncrb2955	SEOA4673a	
<b>453.</b>	<b>HSPC297 (=HSPC030) AF161415.1</b>				<b>10</b>
mioa1436n	MIOA2987a	ncrc6495	SEOA6495a	SEOB0207	
MIOA1880a	MIOA4074a	SEOA6494a	SEOA8693	seob7370	

**454. NS1-binding protein (NS1-BP) (=AB020657 KIAA0850) AJ012449****10**

FCR3736	MIOA3066a	MIOA5587a	MIOB2297	SEOA6481a
MIOA2652a	MIOA4407	miob1821	ncrb3245	SOA0391

**455. dioxin-inducible cytochrome P450 (CYP1B1) U03688.1****10**

MIOA8103	mioa9742	ncr5812	ncrb6245	ncrc8949
mioa9439	ncr1433	ncr9175	ncrb6403	SEOB1836

**456. WSB-1 isoform AF106684.1****10**

FCR4477	hfc3563	ncr1210	ncrc0183	ncrc5720
hfc2731	miob4059	ncr5549	ncrc1665	seob5048

**457. protein disulfide isomerase-related protein (P5)= D49489 NM\_005742.1****10**

FCR5687	MIOA1009	mioa9314	miob6521	seob2569
fcrb0402	MIOA8219	miob0838	SEOA7535a	seob5742

**458. membrane protein CH1 (CH1) AB020980****10**

FCR5663	FCR7710	ncr0679	ncr5960	ncrc4048
FCR5800	MIOA0535n	ncr2291	ncrb2053	ncrc9869

**459. sema domain immunoglobulin domain (Ig)(semaphorin) 3E (SEMA3E)(= KIAA0331) NM\_012431.1****10**

fcrb2690	mioa9802	miob4091	ncrb2375	seoa7819a
MIOA8348	miob1135	ncr0153	ncrc6652	SOA0623

**460. heat shock J2 protein (HSJ2) AF075601.1****10**

SEOA1762 a	miob4232	seoa9125	miob2219	mioa0701
hfc8761	seob2531	mioa7231a	seoa1762a	hfc9312

**461. T245 protein (T245) =TM4SF6=TM4-DAF043906****10**

SEOA0457	ncr1475	ncrc0994	SEOA0207a	seob7047
FCR4382	ncr9639	ncrc5162	SEOB0279	SOA0692

**462. inositol polyphosphate 1-phosphatase gene (INPP1) (low match) AF141324.1****10**

SEOA3560a	MIOA3768	ncrb0417	SEOA8586	SEOB1292
hfc0944	MIOA5612a	SEOA5807	SEOA9651	SEOB2051

**463. RAN, member RAS oncogene family (RAN), mRNA /cds=(114,764) /gb=NM\_006325 /gi=6042206 /ug=Hs.10842 /len=1656 "Hs.10842****10**

seoa6972"	FCR6517	SEOA1302a	SEOB1907	seob4485
FCR3367	ncrb6319	SEOA2183a	SEOB1974	seob5296

**464. HSPC016, mRNA /cds=(38,232) /gb=NM\_015933 /gi=7705430 /ug=Hs.171774 /len=384 "Hs.171774****10**

seoa7837a	hfc0240	hfc4067	seob6067	seob3875
fcrb1888	hfc2635	ncr2059	seob4169	ncr1733

**465. "JKTBP2, JKTBP1, complete cds "AB017018.1****10**

ncrc5500	ncrb4595	FCR4753	MIOA2760a	ncrc2647
fcrb1002	MIOA6588a	ncr4370	SEOB3312	ncr140

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466	ncr1765 ncr1824 ncr9627 ncrb0438 ncrb3815 ncrb5491 ncrb6511 ncrb7610 ncrc5255	ribosomal 18S, 58S, and 28S (=45S pre rRNA gene)	V01270.1	9
467	mioa9615  miob0445 miob6513 miob6953 ncr3343 ncrb8454 seoa7969 seoa7977 seob6463 seob7750	SEC24 ( <i>S. cerevisiae</i> ) related gene family, member D (SEC24D), = AK001390	NM_014822.1	9
468	mioa9202 miob1067 miob3174 ncr5763 ncrb2508 SEOA9399 SEOA9660 SEOB0173 seob5411	annexin A4 (ANXA4)	NM_001153.2	9
469	FCR1318 FCR3065 FCR4366 MIOB2646 miob3461 SEOA0501 SEOA1404 SEOA2761 seob4794	arginine-rich nuclear protein	M74002	9
470	MIOA5013a mioa7673a miob6080 ncrb0292 ncrb4784 ncrc2110 SEOA4863a seob4332 seob6260	malate dehydrogenase 1, NAD (soluble) (MDH1)	NM_005917.1	9
471	FCR6246 hfc1292 hfc9823 MIOA7992a ncrb0178	collagen type VI alpha 1 (COL6A1)	X15880	9

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ncrb4632			
SEOA0319			
SEOA8363a			
SEOA9181			
472 fcrb1346	SMT3 (suppressor of mif two 3, yeast) homolog 2 (SMT3H2)	NM_006937.1	9
MIOA4963a			
miob5747			
ncr2632			
ncr8859			
ncrc0438			
ncrc3318			
SEOB0221			
SEOB3419			
473 BFCW0318	cyclophilin B (hCyPB)	M60857	9
CR0179			
FCR0113			
FCR3447			
fcrb2005			
MIOA2794a			
ncr4738			
ncrb3852			
ncrb5521			
seob7631			
474 FCR5032	YAP65	X80507.1	9
FCR7293			
hfc9295			
MIOA0160			
MIOA1942a			
MIOA4752			
miob5803			
ncr0090			
seob5652			
475 hfc0404	uridine diphosphoglucose pyrophosphorylase	U27460	9
MIOA4634a			
mioa9235			
mioa9809			
miob4006			
ncrb1580			
SEOA0135			
SEOA4453a			
SEOA9892			
476 FCR0023	prolyl 4-hydroxylase gene	U14608.1	9
FCR3691			
FCR6259			
miob5425			
ncr2573			
SEOA8237			
SEOB0819a			
477 fcrb0109	melanoma-associated antigen MG50	AF200348.1	9
fcrb2067			
hfc3477			

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	hfcr3867			
	hfcr7756			
	hfcr8784			
	hfcr9629			
	miob4662			
	ncrb1840			
478	MIOA2037	kinectin 1 (kinesin receptor) (KTN1)(= KIAA0004)	NM_004986.1	9
	MIOA5198a			
	MIOA5896a			
	miob6499			
	ncr0839			
	ncrb3309			
	SEOA6414			
	SEOA8835			
	seob4993			
479	seob4036	Dickkopf gene 3 (DKK-3)	NM_013253.1	9
	seob5076			
	seob5368			
	seob6302			
	seob7410			
	seob7591			
	seob6508			
	seob6460			
480	hfcr7355	AD-017 protein	AF157318.1	9
	miob0637			
	miob3849			
	ncr0497			
	ncr2047			
	ncrb3620			
	ncrc2619			
	SEOB0426			
	seob6346			
481	MIOA2620	Fn54	AF001533.2	9
	MIOA6962a			
	MI0B2658			
	SEOA0234a			
	SEOA2112n			
	SEOA4877a			
	SEOA6700a			
	seob3659			
	seob6668			
482	fcrb1202	HSPC035 protein (LOC51669), NPD003	NM_016127.1	9
	fcrb1793			
	MIOA8011a			
	mioa9619			
	miob4610			
	ncrb7141			
	ncrc8961			
	SEOB0160			
	seob4056			
483	hfcr3411	KIAA0164	D79986	9
	MIOA6982a			

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	miob6652			
	ncr1587			
	ncr7163			
	ncrb1605			
	ncrc4600			
	SEOA1857a			
	SEOB2796			
484	SEOA1410a	KIAA0970	AB023187.1	9
	ncrb7345			
	ncrc0079			
	ncrc6796			
	ncr5245			
	MIOA2342a			
	MIOA7096a			
	SEOA1410a			
	SEOA5541a			
485	fcrb2101	KIAA1077	AB029000.1	9
	hfcr5729			
	hfcr6674			
	MIOA0142			
	mioa7831a			
	ncrb1479			
	ncrc5064			
	SEOA7404a			
	SEOB0832a			
486	hfcr0894	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia) (PRNP) mRNA	NM_000311.1	9
	MIOA4568a			
	ncr0756			
	ncr8808			
	ncr9475			
	SEOA9156			
	SEOB1274			
	seob6510			
	seob7921			
487	miob1938	trichorhinophalangeal syndrome I gene (TRPS1)	NM_014112.1	9
	miob5923			
	ncr4185			
	ncrb1447			
	ncrb6767			
	ncrb7715			
	ncrc3713			
	seob4057			
	seob7326			
488	fcrb1866	activating transCRiption factor 4 (tax-responsive enhancer element B67) (ATF4)	gi4502264	9
	fcrb2138			
	HFCR3143			
	hfcr4079			
	ncr5188			
	ncr5990			

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	ncr8537			
	ncr8797			
	ncrc5691			
489	ncr1031	sox	AF070669	9
	ncrb0511			
	ncrb5112			
	ncrb6193			
	ncrb6267			
	ncrc6688			
	SEOA0563A			
	SEOA2089			
	seob7438			
490	miob6290	TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD (TAF2F)	NM_005642.1	9
	ncr3778			
	fcrb0664			
	ncr3701			
	ncrb4832			
	fcrb2182			
	fcrb2184			
	miob6290			
	SOA0384			
	ncrc9215			
491	ncr2785	allograft inflammatory factor 1 (AIF1)	NM_001623.2	9
	ncr3795			
	ncr8982			
	ncrb2637			
	ncrb7295			
	SEOB0185			
	SEOB1086			
	seob5634			
492	hfc0770	heat shock protein 86 (HSP86)	M30626.1	9
	MIOA2641			
	miob4473			
	miob5657			
	SEOA7643a			
	seob3948			
	seob4102			
	seob6120			
	seob7172			
493	hfc5977	t-complex-associated-testis-expressed 1-like (TCTE1L)=U02556=RP3	NM_006520.1	9
	hfc9302			
	MIOA4605a			
	miob0178			
	ncr6595			
	ncrb1626			
	ncrb6371			
	ncrb7887			
	seob3279n			
494	fcrb1013	matrilin-2 precursor	U69263	9
	MIOA2505a			



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MIOA4183			
MIOA7576a			
ncr6962			
ncrc1434			
SEOA4312a			
seob5815			
seob7016			
495 hfer2814	actin-related protein Arp3 (ARP3)(actin-related protein 3 yeast)homolog(ACTR3)	AF006083.1	9
hfer7041			
miob0429			
miob1451			
ncrb0722			
SEOB1231			
SEOB1683			
SEOB1821			
seob3910			
496 fcrb1740	bone sialoprotein (BNSP)	L10363.1	9
hfer4350			
hfer7527			
hfer9174			
hfer9481			
ncr3210			
ncr4925			
ncr8863			
ncrb3535			
497 hfer3769	interleukin 1 receptor, type I (IL1R1) = M27492.1	NM_000877.1	9
MIOA5859a			
ncrb7852			
ncrc3434			
ncrc3593			
SEOA0472			
SEOA3124a			
SEOA7538a			
SEOA9582			
498 hfer6611	serine/threonine protein kinase Kp78 splice variant CTAK75a	AF159295.1	9
ncr5080			
ncr5402			
ncr7375			
ncr8672			
ncrb0748			
ncrb6321			
ncrb8176			
ncrc0212			
499 hfer1879	latent transforming growth factor beta binding protein 1 (LTBP1)	NM_000627.1	9
hfer2812			
miob3320			
miob3320			
ncr6879			
ncr9199			

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	ncrb1949			
	ncrc5355			
	SOA0215			
500	hfc0029	MAGUK protein p55T (=AB002323 KIAA0325)	AF162130.1	9
	hfc0125			
	MIOA0414a			
	MIOA6312a			
	miob1180			
	ncr6818			
	ncr7482			
	ncrc5150			
	SEOB0656a			
501	MIOA5398a	NAP (nucleosome assembly protein)	M86667	9
	ncrc3628			
	ncrc4425			
	SEOA1480			
	SEOA5608a			
	SEOA6732			
	SEOA8482			
	SEOA9581			
	seob4990			
502	cr0056N	fragile 16D oxido reductase (FOR)	AF217490.1	9
	miob0442			
	MIOB0542			
	miob0807			
	ncr0085			
	ncrb1439			
	ncrb5156			
	ncrb6567			
	ncrc2922			
503	MIOA7275	factor H homologue	M65294.1	9
	ncr1461			
	ncr7245			
	ncrb5169			
	SEOA9270			
	SEOB0212			
	seob4497			
	seob7656			
	SOA0615			
504	hfc1130	CYTOCHROME C OXIDASE POLYPEPTIDE I	P00395	9
	mioa2129m			
	mioa9650			
	ncr1524			
	ncrc3587			
	SEOA8874			
	SEOB0041			
	seob4733			
	seob6705			
505	CR0516	stathmin (=J04991 p18 protein; Z11566 Pr22 protein)	X53305	9
	FCR0287			
	FCR5189			
	FCR7324			

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	hfc1707			
	hfc1932			
	hfc3432			
	hfc9692			
	SEOB3320			
506	BFCN0236	cellular growth-regulating protein	L10844	9
	FCR7050			
	hfc0317			
	hfc9237			
	miob5109			
	ncrb7266			
	ncrc6224			
	SEOA2815			
	seob6723			
507	hfc8609	paired mesoderm homeo box 1 (PMX1)	gi5902023	9
	MIOA2603a			
	MIOA3566a			
	MIOA4266			
	MIOA6413a			
	MIOA8213			
	SEOA2812m			
	seoa2812m			
	soa0022n			
508	MIOA3194a	PTD014	AF092135.1	9
	MIOA5957a			
	miob3948			
	ncr6233			
	SEOA2385a			
	SEOA2385a			
	SEOA3027a			
	SEOA3997a			
	SOA0639			
509	hfc6663	SWI/SNF related, matrix associated (SMARCA1)	gi4507066	9
	hfc6783			
	hfc9757			
	MIOA5781a			
	MIOA8557			
	ncrb8709			
	ncrc0997			
	SEOA2938a			
510	SEOB1322	fos proto-oncogene (c-fos)	K00650.1	9
	BFCS0244			
	CR0310			
	CR0885			
	FCR2161			
	FCR3603			
	FCR6407			
	FCR6636			
	hfc0086			
511	hfc1947	integral membrane protein 2A (ITM2A)	NM_004867.1	9
	ferb1823			
	hfc1947			

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	hfcf6465			
	contigmar21-010016			
	ncrc3866			
	ncr4034			
	ncrb4634			
	ncrc5209			
	ncrc3141			
512	ncrc0477	ATP synthase F0 subunit 6 (RefSeq aa 8e-74)	5835393	9
	ncrc9566			
	ncrb1169			
	ncrb2227			
	ncrc4104			
	ncrc0073			
	ncrb2604			
	ncrb8695			
	ncrb3783			
513	FCR6321	protein phosphatase 2A catalytic subunit-beta	M60484	9
	SEOA0311			
	hfcf2343			
	miob0044			
	miob6664			
	hfcf0683			
	miob3050			
	ncr1268			
	miob3012			
514	SEOA5532a	semaphorin E	AB000220	9
	miob1135			
	ncrc6652			
	SOA0623			
	mioa9802			
	seoa7819a			
	ncr0153			
	MIOA8348			
	SEOA5938			
515	SEOB1391	HSPC061	AF161546.1	9
	ncr0054			
	ncr0444			
	ncr3263			
	ncrb0151			
	ncrb3135			
	ncrc3769			
	ncrc4842			
	seob4752			
516	fcrb2141	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1)	NM_002137.1	8
	hfcf1914			
	hfcf6582			
	ncrb1311			
	ncrb7920			
	ncrc3084			
	ncrc4857			
	ncrc9811			

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517	FCR4930	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) (ZNF9)	gi4827070	8
	ncr5633			
	ncr6946			
	ncrc7043			
	SEOA3122a			
	SEOA3122a			
	SEOA9000			
	SEOA9545			
518	hfcf0445	HepG2	D17039	8
	hfcf4437			
	MIOA8338			
	MIOA8533			
	miob0781			
	miob6582			
	SEOB0682a			
	seob6415			
519	hfcf9622	laminin B2 chain	M55210	8
	MIOA3479a			
	miob6052			
	ncr4986			
	ncr9836			
	ncrc5436			
	ncrc9440			
	SEOA0469n			
520	ncr0797	matrix metalloproteinase 3 (stromelysin 1, progelatinase) (MMP3)	NM_002422.1	8
	ncr1230			
	ncr6196			
	ncr9952			
	ncrb1942			
	ncrb7181			
	ncrb7576			
	seoa8105			
521	MIOA1433	MRG15 protein (MRG15)	AF100615.1	8
	ncr6803			
	SEOA1081a			
	SEOA1993			
	SEOA2461a			
	SEOA3988a			
	SEOA5471a			
	SEOA5770			
522	miob0176	HSPC025 (HSPC025)	NM_016091.1	8
	miob6551			
	ncr2940			
	ncr8073			
	ncrb6026			
	ncrb7007			
	ncrb8689			
	SEOA8649			
523	MIOA0679	RGC32 protein (RGC32)	NM_014059.1	8
	miob0497			

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miob1738			
miob5885			
ncrb4874			
ncrc2581			
SEOA1471a			
SEOA9706			
524 hfcr0534	NADH-ubiquinone oxidoreductase AGGG subunit precursor homolog	AF067166.1	8
hfcr1696			
hfcr4188			
hfcr5920			
miob6937			
SEOA4159a			
seob4579			
seob5205			
525 CR0069	ubiquitin gene	U49869	8
hfcr0117			
hfcr9063			
miob0436			
ncr0284			
SEOA4681a			
SEOA4850a			
seob5588			
526 fcrb0211	karyopherin alpha 4 (=importin alpha 3) (KPNA4)	NM_002268.1	8
hfcr3362			
miob3406			
miob3857			
ncr1396			
ncr5599			
SEOB3326			
seob6350			
527 FCR2914N	DEAD-box protein (BAT1) gene	AF029062.1	8
FCR3076			
hfcr0459			
hfcr0550			
hfcr0957			
hfcr2546			
hfcr2834			
hfcr6934			
528 fcrb2112	glutaminyI-tRNA synthetase(QARS)	NM_005051.1	8
hfcr0096			
hfcr0192			
hfcr2766			
hfcr2809			
hfcr2825			
hfcr3010			
hfcr4023			
529 FCR3890	GOLGI 4-TRANSMEMBRANE SPANNING TRANSPORTER MTP (KIAA0108)	spQ15012	8
MIOA0038a			
MIOA3786			
MIOA4007a			

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	MIOA8794			
	SEOA2844			
	SEOA8588			
	seob7923			
530	fcrb0050	high-mobility group (nonhistone chromosomal) protein 17 (HMG17)	NM_005517.1	8
	fcrb0623			
	hfcr0831			
	hfcr5835			
	hfcr7819			
	hfcr8813			
	miob6477			
	SEOB1911			
531	MIOA1492m	tumor neCrosis factor-inducible (TSG-6)	M31165	8
	MIOA5836a			
	MIOA6532a			
	miob4878			
	SEOA1334			
	seoa3146m			
	SEOA6321			
	SEOA6545a			
532	hfcr0214	antigen NY-CO-33 (NY-CO-33)	AF039698.1	8
	hfcr0252			
	hfcr0262			
	hfcr0308			
	hfcr0343			
	hfcr0941			
	hfcr1392			
	hfcr4696			
533	FCR1442	anti-oxidant protein 2 (non-selenium glutathione peroxidase, acidic calcium-independent phospholipase A2) (KIAA0106)	NM_004905.1	8
	FCR7137			
	hfcr0510			
	hfcr9490			
	ncrb1614			
	ncrb3101			
	SEOA8541			
	SEOB2161			
534	fcr0540n	constitutive fragile region FRA3B	AF152363.1	8
	MIOA7239a			
	miob6678			
	ncr8376			
	ncrc2927			
	ncrc7083			
	SEOB0025			
	seob5222			
	seob8024			
535	MIOA3282a	KIAA0242	D87684	8
	miob1327			
	miob3761			
	ncr0541			

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	ncr7342			
	ncrb3564			
	ncrb4340			
536	fcrb2658	KIAA0663	AB014563	8
	MIOA3650a			
	ncr0546			
	ncrc1725			
	SEOA1910			
	SEOA2506			
	SEOA3218			
	SEOA6086a			
537	hfcr0404	UDP-glucose pyrophosphorylase 2 (ORF)	NM_006759.1	8
	MIOA4634a			
	mioa9235			
	mioa9809			
	miob4006			
	ncrb1580			
	SEOA4453a			
	SEOA9892			
538	FCR7272	palmitoyl-protein thioesterase (PPT)	AF022211	8
	MIOA4166			
	ncr1140			
	ncrc2500			
	SEOA1377			
	SEOA3557a			
	SEOA6041a			
	SEOA6747			
539	mioa7866	N-acylsphingosine amidohydrolase (ASAH) (acid ceramidase)	NM_004315.1	8
	ncr0632			
	ncr1711			
	ncr4133			
	ncr9209			
	SEOA1375			
	SEOA3768a			
	SEOA5606a			
	seob3717			
540	fcrb1283	prostatic binding protein (PBP)	NM_002567.1	8
	hfcr0715			
	hfcr3806			
	mioa9396			
	ncrb6331			
	ncrc3457			
	ncrc6961			
	seob5142			
541	hfcr3516	CYTOCHROME C OXIDASE POLYPEPTIDE II	spP00403	8
	hfcr3903			
	miob1708			
	ncr7588			
	ncrb8408			
	SEOA8827			
	seob3744			



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seob7435			
542 FCR3798	ornithine aminotransferase	M29927	8
hfc4129			
hfc6796			
MIOA1928a			
ncrb5224			
ncrc5948			
SEOA4323a			
SEOA8348a			
543 MIOA7421a	basic transcription element binding protein 1 (BTEB1)	NM_001206.1	8
ncrb1206			
ncrb4351			
ncrc1907			
ncrc2210			
ncrc2736			
ncrc4464			
ncrc9041			
544 FCR0154	Huntingtin interacting protein	AF049103	8
FCR4419			
hfc2784			
hfc2956			
ncr3376			
ncrb1833			
ncrc1703			
SEOA7448a			
545 FCR0366	thyroid hormone binding protein (p55) (=M22806 prolyl 4-hydroxylase beta-subunit and disulfide isomerase (P4HB))	J02783	8
FCR6276			
FCR6937			
fcrb1423			
fcrb2193			
hfc4252			
SEOA5373			
SEOB0257			
546 FCR3819	ISLR (immunoglobulin superfamily containing leucine-rich repeat) gene,	AB024537	8
hfc3612			
hfc7582			
hfc9389			
hfc9523			
ncrb8735			
SEOA2639			
seob4629			
547 hfc6771	biglycan BGN	U11686.1	8
hfc8516			
miob4757			
ncrc1193			
SEOA2971a			
SEOB0194			
SEOB2292			
seob6134			

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548	hfc0921 MIOA0311n miob6636 miob6636 ncr6733 ncrb5130 ncrb6542 SEOA9074	PPP1R5	AF110824.1	8
549	hfc0925 ncr2301 ncr8396 ncrb2831 ncrb7924 ncrc1442 ncrc2444	MADS/MEF2-family transcription factor (MEF2C) mRNA, complete cds	L08895.1	8
550	ncr0676 ncrb1705 ncrb8364 ncrc0771 SEOA0836 SEOA1186A SEOA3500a SEOA3575a	RAN binding protein 2 (RANBP2)	NM_006267.2	8
551	MIOA3594a mioa9989 ncr0893 ncr8032 ncrb3026 ncrc3893 ncrc4828 seob4198	insulin-like growth factor I	X57025	8
552	seob8029  miob1235 miob3098 SEOA8240 seob5993	single-stranded DNA-binding protein (SSBP), nuclear gene encoding mitochondrial protein	NM_003143.1	8
553	MIOA7417a  MIOA8238 MIOA9100 miob1334 miob3047 ncr8026 SEOA4587 SEOA7215a	Nck-associated protein 1 (Nap1) (=AB011159 KIAA0587)	AB014509.1	8
554	miob6717 ncr5828 ncrb0743 ncrb2032	cisplatin resistance-associated overexpressed protein	AB034205.1	8

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	ncrc3881			
	SEOA8800			
	SEOA9509			
	SEOB3559			
555	MIOA5786a	dihydropyrimidinase-like 3 (DPYSL3)	NM_001387.1	8
	ncr8736			
	ncr9724			
	SEOA0743			
	SEOA6507a			
	SEOB0093			
	SEOB0891a			
	SEOB1584			
556	fcrb2457	KIAA0102	D14658	8
	MIOA4552a			
	ncr9174			
	ncrb3625			
	SEOA1422a			
	seoa6847			
	SEOA7060a			
	SEOB1193			
557	MIOA1403a	KIAA0191 (zinc finger homolog)	D83776	8
	MIOA3292a			
	MIOA3303a			
	miob3381			
	ncr4974			
	ncr5387			
	ncrc6700			
	SEOA1963a			
558	FCR0338	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5 (13kD, B13) (NDUFA5)	NM_005000.1	8
	MIOA4149			
	miob2985			
	ncrb0256			
	ncrc4121			
	SEOA6508a			
	SEOA8194a			
	seob6851			
559	ncr1976	proteasome (prosome, macropain) 26Ssubunit, ATPase, 1 (RefSeq aa 1e-56)	NP_002793.1	8
	ncr2459			
	ncrb0874			
	ncrb4777			
	ncrc0393			
	ncrc3030			
	ncrc4306			
	ncrc5716			
560	ncr1743	lysosomal-associated protein transmembrane 4 alpha (MBNT)	NM_014713.1	8
	ncrb2628			
	ncrb2897			
	ncrb8558			
	ncrc0855			

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	ncrc5950			
	ncrc9127			
	SEOB2726			
561	hfc1201	adaptor-related protein complex 3, sigma 1 subunit (CLAPS3)	NM_001284.1	8
	hfc17699			
	ncr8459			
	ncrb0323			
	ncrb2391			
	SEOA8808			
	seob5433			
	seob6879			
562	FCR1783	nidogen-2	AJ223500	8
	FCR5462			
	hfc10417			
	ncrb4856			
	ncrb6659			
	ncrc4006			
	SEOA1496n			
	SEOA8986			
563	FCR3322	melanoma growth regulatory protein MIA	X75450	8
	FCR4048			
	hfc14223			
	hfc16761			
	ncr17560			
	ncr19772			
	ncrc0635			
	ncrc3620			
564	FCR2323	Arp2/3 protein complex subunit p16 (ARC16) (=AF006088 (ORF)	NM_005717.1	8
	FCR2644			
	hfc19709			
	miob0293			
	SEOA2424a			
	SEOA4634a			
	ncrc6996			
	SEOA7952a			
565	mioa1112m	Kallmann syndrome 1 (KAL1) (=ADMLX=putative adhesion molecule)	NM_000216.1	8
	MIOA8433			
	MIOA8937			
	miob0390			
	miob3344			
	ncr0262			
	ncrc3092			
	SEOA2854			
566	hfc19289	apoptosis related protein APR-1	AF143235.2	8
	hfc19945			
	MIOA4465a			
	MIOB2840			
	ncrc5217			
	ncrc6548			

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SEOA2775				
SEOB0514				
567 SEOB0044	TRAM protein	CAA45218.1	8	
ncr8069				
ncrb5345				
SEOA1969a				
SEOB1430				
fcrb1835				
ncrb8586				
ncrb3980				
568 hfcr1115	1-8U gene from interferon-inducible gene family	X57352.1	8	
FCR2512				
FCR6593				
FCR7190				
fcrb0784				
hfcr3885				
ncr3926				
ncrc3046				
569 miob5752	splicing factor SRp40-1 (SRp40)	U30826.1	8	
MIOA1341a				
MIOA3031a				
ncrb5570				
ncrb8614				
ncrc1114				
ncrc9428				
seob5734				
570 ncr2673	ORF2 contains a reverse transcriptase domain	AAA51622.1	8	
miob6537				
ncr9356				
ncrb8417				
ncrc0737				
ncrc9952				
seob6537				
seob6876				
571 seob6876	ORF2 contains a reverse transcriptase domain	AAB59368.1	8	
ncrc0737				
ncrc9952				
miob6537				
ncr9356				
ncrb8417				
ncrc2673				
seob6537				
572 ncrb5570	splicing factor, arginine/serine-rich 5 (RefSeq aa 1e-54)	NP_008856.1	8	
MIOA1341a				
MIOA3031a				
miob5752				
ncrb8614				
ncrc1114				
ncrc9428				
seob5734				

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573	seob8063 ncr6594 ncr9379 ncr2864 ncr5057 ncrb3596 ncr4533 ncrc3260	REIC/Dkk-3	AB034203.1	8
574	miob2957 miob3015 miob4294 ncr3291 seob4617 seob6019 seob8000	Golgi autoantigen, golgin subfamily a, 4 (GOLGA4)	NM_002078.2	7
575	miob6968 ncrb2788 ncrb8154 ncrc0218 ncrc0868 ncrc6123 seob3716	complement component 1, s subcomponent (C1S)	NM_001734.1	7
576	FCR5083  hfcr1267 hfcr5657 ncrb1959 ncrc4152 SEOA5076a seob4654	reticulocalbin 2, EF-hand calcium binding domain (RCN2) =X78669 (ORF)	NM_002902.1	7
577	hfcr0154  hfcr0227 mioa9587 ncr0019 SEOA6115a SEOA9637 seob4170	Eukaryotic translation initiation factor 2, subunit 2 (beta, 38kD)(EIF2S2)	NM_003908.1	7
578	mioa7660a MIOA8182 miob1947 SEOA2726 SEOA4144a seoa8033 seoa8121	5' nucleotidase (EC 3.1.3.5)	X55740	7
579	ncr7434  ncr8522 ncrb2248 ncrb7408 ncrc0040 ncrc4397	interferon induced transmembrane protein 1 (9-27) (IFITM1)	NM_003641.1	7

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SEOA9287				
580 FCR7561	transforming, acidic coiled-coil containing protein 1 (TACC1=AF049910)	NM_006283.1	7	
MIOA6376a				
ncr1229				
ncr3973				
ncrc9343				
SEOA4813a				
SEOA7942a				
581 FCR0027	fau	X65923	7	
CR0022				
CR0838				
FCR0335				
FCR1281				
FCR6026				
582 fcrb2480	KIAA0372	AB002370.1	7	
hfcr0372				
ncr5872				
ncrb4396				
ncrb6434				
SEOB3182				
583 ncr5571	MEK binding partner 1	AF201947.1	7	
ncr9674				
ncrc0625				
ncrc4059				
SEOA2371a				
seoa6779				
SEOB3088				
584 hfcr7351	stearoyl-CoA desaturase	AB032261.1	7	
hfcr8238				
hfcr8576				
MIOA3163a				
MIOA6904a				
miob5826				
miob5889				
585 MIOA2698a	protein immuno-reactive with anti-PTH polyclonal antibodies	U28831.1	7	
MIOA5481a				
miob0916				
miob4849				
ncrc2327				
ncrc3585				
seob4085				
586 MIOA2922a	AgX-1 antigen	S73498	7	
MIOA4698				
miob6055				
SEOA8388a				
SEOA8525				
seob4430				
seob7352				
587 MIOA1726a	erythrocyte membrane protein band 4.1-like 2 (EPB41L2)	NM_001431.1	7	

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	MIOA8952			
	mioa9333			
	ncr6956			
	ncrc4093			
	ncrc5141			
	ncrc7000			
588	hfcr0788	valosin-containing protein(VCP)	NM_007126.2	7
	hfcr6249			
	hfcr7663			
	miob0865			
	ncrb1772			
	ncrb2278			
	ncrc1976			
589	hfcr5792	clathrin, light polypeptide (Lca) (CLTA)	NM_007096.1	7
	miob3917			
	miob4440			
	ncr3887			
	ncrb0269			
	ncrb5707			
	seob5739			
590	MIOA0176	spectrin SH3 domain binding protein 1 (SSH3BP1)	NM_005470.1	7
	MIOA3826			
	MIOA7455a			
	ncrb3386			
	SEOA3117a			
	SEOA9034			
	SEOB3560			
591	hfcr2150	dual specificity phosphatase 1 (DUSP1)	NM_004417.2	7
	miob4625			
	ncr1771			
	ncrb2780			
	ncrb8457			
	ncrc6322			
	SEOB3360			
592	hfcr0742	p75NTR-associated cell death executor (NADE)	AF187064.1	7
	hfcr5900			
	hfcr6598			
	mioa9711			
	SEOA8612			
	seob5922			
	seob7019			
593	fcrb1871	GW128	AF107406	7
	MIOA5951a			
	ncr5777			
	ncrb2246			
	SEOA2283a			
	SEOA5893			
	SEOB0414			
594	hfcr0320	HSPC194	AF151028.1	7
	hfcr1288			
	ncr4712			
	ncr6391			



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	SEOB1118			
	seob6526			
	seob7915			
595	MIOA3349a	HSPC238	AF151072.1	7
	mioa9794			
	miob3168			
	miob4900			
	ncr4118			
	SEOA3706a			
	SEOA7566a			
596	MIOA2079n	IDN3	AB019494.1	7
	MIOA8014a			
	ncr2587			
	ncr6577			
	ncrc1235			
	ncrc5589			
	seob3264			
597	hfcr9534	KIAA0069 gene	D31885.1	7
	MIOA2596a			
	miob6597			
	ncrb1387			
	ncrb6004			
	ncrb8172			
	seob8247			
598	FCR5589	KIAA0143 gene	D63477.1	7
	hfcr1653			
	hfcr5817			
	miob0363			
	ncr0554			
	ncrc5077			
	seob7504			
599	hfcr5121	KIAA0332	AB002330	7
	MIOA5061a			
	MIOA8854			
	miob1453			
	ncrb7252			
	SEOA1882			
	seob3935			
600	FCR5903	non-metastatic cells 2, protein (NM23B) expressed in (NME2)	NM_002512.1	7
	fcrb2089			
	hfcr6484			
	hfcr9556			
	miob3477			
	ncrb3217			
	seob5403			
601	FCR4406	over-expressed breast tumor protein	L34839	7
	MIOA0278			
	MIOA0763n			
	ncr4716			
	ncrb1136			
	ncrb5142			

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ncrc9744			
602 hfcr3691	PRO0530	AF111849.1	7
MIOA9161			
miob2527			
SEOB1197			
seob5460			
seob7437			
seob7994			
603 fcrb1337	PTD010	AF078863.1	7
hfcr3498			
MIOA6242a			
miob3002			
SEOA0008			
seob7764			
miob3002			
604 MIOA1626a	glyoxalase-I (GLO1)	AF146651.1	7
MIOA7480a			
miob2437			
ncrb2645			
ncrc0180			
SEOA4826a			
SEOB1339			
605 FCR2714	high density lipoprotein binding protein (HBP)	M64098	7
FCR4465			
FCR6028			
FCR7362			
hfcr6389			
miob3907			
SEOA4548			
606 hfcr0493	eukaryotic translation initiation factor 3, subunit 3 (gamma, 40kD)	gi4503514	7
hfcr0556			
hfcr5388			
ncrc2097			
SEOA5577a			
SEOA7122a			
SEOB1986			
607 fcrb1402	cathepsin L (CTSL)	NM_001912.1	7
MIOA6594a			
ncr0638			
ncrb2161			
ncrc2325			
ncrc5650			
seob6577			
608 MIOA4785a	sorting nexin 6 (SNX6)	AF121856.1	7
MIOA7191a			
ncr1232			
ncrb1831			
ncrc0913			
SEOA7443a			
seob4175			

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609	FCR3132	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2(KDEL2)	NM_006854.2	7
	hfc0708			
	MIOA5447a			
	ncr7758			
	ncrc8873			
	seoa7981			
	seob4821			
610	fcr1387n	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1(NFKB1) gene, complete cds	AF213884.1	7
	ncr2493			
	ncrb7249			
	ncrc0131			
	ncrc4374			
	ncrc9387			
	ncrc9528			
611	SEOA1765a	transCRiptional coactivator PC4	U12979	7
	SEOA3645a			
	SEOA7323a			
	SEOB0415			
	SEOB3171			
	seob7880			
	SEOA8181a			
612	fcrb0265	poly(rC)-binding protein 1 (PCBP1)	NM_006196.1	7
	fcrb0734			
	miob3473			
	ncrb8307			
	ncrc5850			
	SEOA9477			
	SEOB0715a			
613	MIOA9057	Ia-associated invariant gamma-chain gene	M13560	7
	ncr6286			
	ncrc1045			
	ncrc1583			
	ncrc6523			
	SEOA0200A			
	SEOA9355			
614	hfc05847	immunoglobulin lambda gene	D87003.1	7
	hfc08920			
	mioa5881an			
	miob6511			
	ncr8575			
	ncrc3661			
	seoa7782a			
615	HFCR3185	uncharacterized bone marrow protein BM034 (=AK000571 FLJ20564 fis) (=P11142 HEAT SHOCK COGNATE 71 KD PROTEIN)	AF217511.1	7
	MIOB2229			
	ncrb4087			
	ncrb4095			
	ncrb6427			
	seob5099			

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seob6408			
616 fcrb1174	small membrane protein 1 (SMP1)	AF081282	7
hfc9094			
miob1924			
miob4634			
SEOA0486			
SEOB3236			
seob5016			
617 hfc2256	chondroitin sulfate proteoglycan 2 (versican) (CSPG2)	NM_004385.1	7
MIOA4716			
miob6865			
ncrb1501			
ncrb4916			
ncrb7145			
ncrc7070			
618 FCR1983	dermatan sulfate proteoglycan 3 (DSPG3)	U59111	7
FCR2582			
FCR5067			
fcrb2122			
hfc2037			
hfc6461			
hfc9524			
619 hfc8818	stromal cell derived factor receptor 1 (SDFR1)	NM_012428.1	7
mioa9880			
SEOA6039a			
SEOA8246			
SEOA9170			
SEOB1931			
seob7278			
620 hfc9418	ras-related GTP-binding protein	AF106681.1	7
MIOA5884a			
miob1006			
MIOB2285			
ncrc1176			
SEOB1490			
seob6333			
621 FCR1420	cytosolic thyroid hormone-binding protein (=M23725 M2- M26252 type pyruvate kinase)		7
FCR2940			
hfc3717			
hfc4897			
hfc5087			
ncrb1999			
ncrb6924			
622 hfc6490	SLC11A3 iron transporter	AF215636.1	7
miob2424			
ncr1325			
ncrb7383			
SEOB3027			
SEOB3322			
seob5451			
623 MIOA6841a	syntaxin 8	AAD20831.1	7

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MIOA8820			
miob3261			
ncr1544			
ncrb3098			
ncrb6810			
ncrc3718			
624 miob4513	vascular cell adhesion molecule 1 (VCAM1)	M30257	7
ncr0865			
ncr6827			
SEOA5447			
SEOA9187			
SEOB0637a			
seob4362			
625 fcrb2317	GTP-binding protein Sara	AF092130.1	7
MIOA5729a			
miob1953			
miob6209			
SEOA3644a			
SEOA3930			
SEOA3931			
626 FCR0472	interCRine-alpha (hIRH)	U19495	7
FCR5699			
FCR5699			
hfc7895			
ncr0368			
ncrc1859			
ncrc2508			
627 miob6611	line-1 protein ORF2 (=p150)	B28096	7
ncr2368			
ncr5299			
ncrc9411			
SEOA9020			
SEOB0209			
seob6757			
628 mioa9336	small acidic protein	U51678	7
miob3741			
ncrc4955			
SEOA1145a			
SEOA5864			
SEOB0761			
seob5146			
629 hfc70328	small EDRK-rich factor 2 (SERF2)	NM_005770.1	7
hfc7793			
hfc8745			
hfc9633			
miob6029			
ncr6010			
ncr6011			
630 SEOB1145	ATP SYNTHASE E CHAIN, MITOCHONDRIAL	spP56385	7
FCR4880			
MIOA2871a			
MIOA5667			

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	SEOA1308			
	SEOA2478			
	SEOB2195			
631	seob6198	ubiquitin-conjugating enzyme E2 variant 1 (UBE2V1)	NM_003349.1	7
	hfcr7749			
	seob6778			
	ncrb4067			
	ncr6539			
	ncr5375			
	ncrc1540			
632	seob4160	zinc finger protein SLUG (SLUG) gene	AF084243.1	7
	MIOA0736			
	SEOB0458			
	fcr5448n			
	hfcr6324			
	hfcr0535			
	ncrc3727			
633	ncrb4517	RNA binding motif protein 8B (RBM8B)	AF231512.1	7
	ncr1126			
	ncrb5449			
	ncrc1132			
	ncrc3039			
	seoa7034			
	seoa8071			
634	MIOA2818a	CGI-149 protein	AF151907.1	7
	MIOB1538			
	fcr6041n			
	hfcr7079			
	miob1828			
	MIOA5860a			
	ncr6947			
635	FCR6330	elastin (ELN)	U62292	7
	CR0193			
	FCR7104			
	fcrb1340			
	hfcr3614			
	hfcr1211			
	hfcr3539			
636	SEOB3204	non-histone chromosomal protein (HMG-1)	L08048.1	7
	miob4189			
	ncr6311			
	miob1888			
	miob1911			
	SEOA9563			
	hfcr5965			
637	miob3443	KIAA0038 gene	D26068.1	7
	hfcr6464			
	hfcr6922			
	FCR0177			
	SEOB1862			
	miob3164			
	ncrb2299			

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638	seob8232	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8 (19kD, ASH1) (NDUFB8)	NM_005004.1	7
	hfc2763			
	ncr7871			
	ncr1351			
	SEOB0754			
	SEOA2750			
	FCR7018			
639	MIOA7373a	esterase D	AF112219	7
	hfc3894			
	ncrb6449			
	ncrc2584			
	SEOA8884			
	SOA0558			
	seoa7761a			
640	SEOB1586	lost on transformation LOT1 (=PLAGL1)	U72621.2	7
	seoa7702a			
	FCR1645			
	MIOA0694			
	MIOA5302a			
	SOA0537			
	SEOA0187a			
641	SEOA1215A	N2A3 (=DPYSL2) (=dihydropyrimidinase related protein-2)	U97105	7
	SEOB0541			
	MIOA2580a			
	SEOA7570a			
	BFC50014			
	SEOA5084a			
	MIOA2251a			
642	MIOA7378a	SON DNA binding protein (SON)	X63753	7
	mioa7825a			
	seoa6989			
	seoa7755a			
	miob3236			
	hfc3835			
	hfc8812			
643	MIOA8646	polyposis locus (DP1 gene)	M73547	7
	FCR3416			
	MIOA2481a			
	MIOA3331a			
	mioa7661a			
	SEOA6263			
	SOA0704			
644	ncrc0259	LENG7 mRNA, (=PRO2003 mRNA)(= elongation factor EF-1'-alpha)	AF211972.1	7
	ncrc8859			
	ncr6859			
	ncrb1451			
	ncrb3131			
	ncr9141			
	ncr9066			

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645	fcrb2212 fcrb2015 hfcr4662 hfcr5095 hfcr6275 hfcr6557 hfcr6842	matrilin 1, cartilage matrix protein (MATN1)	NM_002379.2	7
646	miob4343  ncr5880 ncrb5160 ncrc2991 ncrc3595 seob6132	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1 (7kD, MNLL) (NDUFB1)	NM_004545.1	6
647	MIOA8804  miob3003 miob3918 miob5845 seob5335 seob7425	proteasome (prosome, maCRopain) subunit, beta type, 1 (PSMB1)	NM_002793.1	6
648	hfcr0695 hfcr5791 SEOA9163 SEOB3064 seob5592 seob7274	Deleted in oral cancer-1 (DOC1)	NM_004642.1	6
649	CR0179  fcrb2005 MIOA2794a ncr4738 ncrb5521 seob7631	cyclophilin-related protein (NKTR) gene (=PAC RPCI4-613B23)	AF184110.1	6
650	MIOA9065 mioa9854 miob0811 ncrb8640 ncrc3776 seob6568	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1	spP03886	6
651	FCR2959  fcrb1666 hfcr9755 ncrb3284 ncrc0883 seoa7757a	myristoylated alanine-rich C-kinase substrate (=D10522 80K-L protein)	M68956	6
652	FCR5714 MIOA2457a SEOA3137m SEOA7092a SEOB1506	signal recognition particle subunit 9 (SRP9)	U20998	6



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SEOB2941			
653 fcrb0450	heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRPC)	NM_004500.1	6
fcrb2634			
hfcr3570			
hfcr6391			
hfcr7945			
SEOA6580a			
654 hfcr1782	laminin, alpha 4 (LAMA4)	NM_002290.1	6
hfcr2068			
hfcr3988			
miob1096			
ncr4066			
ncr8572			
655 hfcr1800	DRP-2 dihydropyrimidinase related protein 2	AB020777.1	6
ncrb1218			
ncrb4685			
seob4393			
seob4972			
seob7544			
656 MIOA7202a	HSPC307	AF161425.1	6
miob3194			
miob6922			
ncr9648			
ncrb6545			
seob6314			
657 FCR1493	progesterone binding protein (HPR6.6)	gi5729874	6
hfcr5242			
MIOA0006a			
miob1925			
SEOA1657a			
SEOA6133a			
658 miob3319	inositol 1,4,5-triphosphate receptor, type 2 (ITPR2)	NM_002223.1	6
ncr0911			
ncrc9470			
seob6096			
seob7321			
659 hfcr1828	ubiquinol-cytochrome c reductase hinge protein (UQCRH)	NM_006004.1	6
hfcr9364			
MIOA7063a			
ncr3717			
ncrb0103			
ncrb4529			
660 ncr9732	eukaryotic translation initiation factor 4A, isoform 2(EIF4A2)	NM_001967.2	6
ncrb0362			
ncrb5085			
ncrb6064			
ncrc2495			
SEOA9146			
661 FCR3156	proteasome subunit HC9	D00763	6

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FCR4958			
MIOA0579a			
MIOA2053			
SEOA0909			
SEOA8301			
662 BFCS0021	basic transCRiption factor 2 p44 (btf2p44) gene, partial cds, neuronal apoptosis inhibitory protein (naip) and survival motor neuron protein (smn)	U80017.1	6
hfc3912			
MIOA4092a			
ncrb3804			
SEOA8672			
seob4675			
663 hfc1203	U50HG genes for U50' snoRNA and U50 snoRNA, complete sequence	AB017710	6
hfc3549			
hfc8537			
miob4169			
ncrb3516			
seoa0979m			
664 FCR2421	alpha-2 globin (HBA1)	AF097635	6
FCR5670			
FCR7657			
hfc5789			
hfc5902			
hfc9602			
665 fcrb1916	RAD21 (S. pombe) homolog (RAD21) (=X98294)	gi5453993	6
hfc7084			
hfc7342			
MIOA0887a			
ncrb4249			
SEOB2199			
666 ncr4312	GDP dissociation inhibitor 2 (GDI2)	NM_001494.2	6
ncrc6832			
SEOA9835			
seob3960			
seob5935			
seob6156			
667 miob0656	disabled 2 p93 (DAB2) (mitogen-responsive phosphoprotein) (DAB2)	AF188298.1	6
miob0804			
ncr5508			
ncr9024			
ncrc3647			
SEOA9643			
668 MIOA2073	KIAA1074	AB028997.1	6
miob3863			
miob3985			
ncr7609			
ncrb0016			
ncrc9517			

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669 MIOA4184	myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 2 (MLLT2)	NM_005935.1	6
ncr5939			
ncr8703			
ncrc1992			
ncrc2644			
SEOA8265			
670 MIOA1103	N-terminal acetyltransferase complex ard1 subunit	AF085355.1	6
MIOA1278m			
MIOA7277			
ncr5603			
SEOA7340a			
SEOA7578a			
671 fcrb2676	PRO1873	AF119859.1	6
ncr5034			
ncr6257			
ncr8633			
ncrb4355			
ncrb7713			
672 MIOA5833a	CMP-N-acetylneuraminic acid hydroxylase	AF074480.1	6
MIOA7183a			
miob2956			
ncr5825			
SEOA0573			
SEOA2975a			
673 ncr9792	somatic cytochrome c (HCS) gene	M22877.1	6
seob5073			
seob6377			
seob7454			
SOA0409			
674 fcrb0702	chaperonin containing T-complex subunit 6 (CCT6) = L27706.1	NM_001762.1	6
hfcr6785			
ncrb0888			
ncrb1096			
SEOA9627			
seob4582			
675 MIOA0400a	C2H2 zinc finger protein (ZNF189)	AF025772.1	6
MIOA6570a			
miob0706			
SEOA0187a			
SEOA7094a			
SEOB2247			
676 miob1706	homeobox protein CDX4 (CDX4) gene	AF003530.1	6
ncr0904			
ncr3832			
ncr4865			
seob4900			
seob7554			
677 FCR2907	immunoglobulin light chain	D87000	6
FCR4393			

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MIOA1581			
MIOA2952a			
MIOA5588a			
SEOA1691a			
678 ncr4890	antioxidant protein 1 (AOP1) (=peroxiredoxin 3 (PRDX3))	NM_006793.1	6
ncrc2839			
SEOA3445a			
SEOA5589a			
seob6383			
seob7624			
679 FCR1914	lysosomal-associated membrane glycoprotein-1 (LAMP1) (=J04182)	L08582	6
MIOA8993			
miob3562			
miob5914			
ncr7696			
SEOA1636a			
680 MIOA2815a	glutaredoxin	X76648.1	6
miob4892			
ncrc9227			
seoa8047			
seob5490			
seob7169			
681 hfc0350	cornichon protein	AF070654.1	6
MIOA5494a			
mioa9911			
miob6193			
ncrc1904			
SEOA1301a			
682 MIOA2290a	dermatopontin	Z22865	6
MIOA4841a			
ncr7747			
ncrc9704			
SEOA0920			
seob7728			
683 fcrb0293	myosin, light polypeptide 1, alkali; skeletal, fast (MYL1)	NM_002475.1	6
hfc9628			
ncr5036			
ncr5424			
ncrc0266			
ncrc4135			
684 hfc3979	CD36 antigen	L06850.1	6
hfc5117			
MIOA6435a			
miob4477			
ncrc5806			
SEOA6313			
685 SEOA9610	guanine nucleotide binding protein 11 (GNG11) = U31384.1	NM_004126.1	6
MIOA2059n			

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miob3442			
ncrb1413			
ncrb1848			
ncrc1048			
686 FCR2946	vascular endothelial growth factor (VEGF)	AF024710.1	6
hfcr4663			
ncr3248			
ncrb0366			
ncrc9100			
seob5606			
687 hfcr3716	integrin alpha 10 subunit (ITGA10)	AF112345.1	6
ncr0448			
ncr0661			
ncrb4941			
ncrc4986			
seob5612			
688 MIOA8121	HIC protein	AF054589	6
miob0172			
SEOA0393			
SEOA8946			
SEOB0014			
SEOB3261			
689 ncr3184	KIAA0187 gene	NM_014753.1	6
ncr4505			
ncr5984			
ncrb1780			
ncrb2003			
seob7341			
690 FCR2540	KIAA0436	AB007896	6
FCR6658			
MIOA0188			
MIOA6153a			
ncrc0051			
SEOA1903			
691 hfcr6412	KIAA0530	AB011102	6
miob4808			
ncrc4835			
ncrc9880			
SEOA5699a			
SEOB2814			
692 MIOA0067A	KIAA0569	AB011141	6
miob0983			
ncr2553			
SEOA2715			
SEOA5977a			
seob6277			
693 FCR6471	KIAA0766	AB018309.1	6
MIOA2190a			
MIOA7592a			
ncr6553			
SEOA0950			
SEOB0809			

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694	miob0596 miob4906 ncr3297 SEOA1314 seoa3178m seob5344	KIAA0942 protein (KIAA0942)	NM_015310.1	6
695	MIOA0030a SEOA0007 SEOA1897 SEOA3738a SEOA5374 SEOA6641a	Pcp-2=Purkinje cell protein 2	S40022	6
696	MIOA0505n MIOA2518a MIOA3973a MIOA6533a MIOA7182a ncrc4381	PRO1073	AF113016	6
697	hfcr0615 hfcr3726 hfcr3771 hfcr7481 hfcr7487 hfcr8284	PRO2640	AF116710.1	6
698	MIOA5979a MIOA6825a MIOA6850a SEOA5894 SEOA6083a SEOA6159a	SON protein	AF193606	6
699	seob8241 ncr2520 ncrc3703 SEOA8528 SEOB2109 seob8241	protein tyrosine phosphatase type IVA, member 2 (PTP4A2)	NM_003479.1	6
700	FCR5509 hfcr4176 miob0944 miob3471 ncr8966 ncrb4057	low density lipoprotein receptor	L00352	6
701	MIOA8858 MIOA8894 SEOA1962a hfcr0033 MIOA3788 MIOA3178a	ATP SYNTHASE GAMMA CHAIN, MITOCHONDRIAL PRECURSOR	spP36542	6
702	FCR4622 HFCR3147	cytochrome c oxidase subunit VIII (COX8)	J04823	6

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hfc4776			
hfc0818			
hfc4203			
hfc5820			
703 SEOA1789a	leucine aminopeptidase	AF061738	6
ncr5718			
SEOB0345			
SEOB1614			
SEOA9719			
ncr7880			
704 SEOA0470n	calpastatin	D50827	6
MIOA8201			
SEOA1848a			
SEOA5437			
SEOA7081a			
hfc7677			
705 SEOB3493	threonyl-tRNA synthetase (TARS)	NM_003191.1	6
SEOA4402a			
SEOA9372			
ncr0255			
seoa7033			
SEOB0675a			
706 SEOA7897a	ribosomal protein L33-like protein	AF047440	6
ncrb7195			
HFCR3117			
seob4671			
MIOA8856			
ncr9979			
707 miob4424	chaperonin containing TCP1 subunit 4 (delta) (CCT4)	NM_006430.1	6
hfc6487			
hfc1890			
ncrb2160			
seoa8124			
ncr2061			
708 hfc6687	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV)	NM_001997.1	6
hfc4125			
fcrb2382			
hfc0964			
fcrb2651			
ncrc5376			
709 MIOA3473a	Id-2H	D13891	6
FCR5297			
MIOA6202a			
ncrc9908			
SEOB0005			
SEOA4446a			
710 FCR0274	shox gene	U82668	6
hfc9250			
hfc4141			
hfc7863			
hfc7860			

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ncr1568			
711 SEOB0128	SOX4	AF124147.1	6
MIOA6316a			
SEOB1953			
ncr7035			
ncr4210			
ncr7425			
712 SEOA7459a	transCRiption factor (CBFB)	L20298	6
hfcf6500			
ncrb1839			
SEOB0243			
SEOB0723			
SEOA9661			
713 hfcf3441	poly(rC)-binding protein 2 (PCBP2)	NM_005016.1	6
ncrb5742			
ncrc3244			
ncrb0564			
ncrb7115			
ncrb3300			
714 ncr0317	RNA-binding protein regulatory subunit	AF021819	6
seob5774			
BFCF0219			
FCR2416			
fcrb0250			
ncr5896			
715 ncr3768	Membrane cofactor protein	X59408.1	6
hfcf9297			
miob5828			
ncr3809			
ncr8508			
SEOA0775			
716 SEOA2053	catalase	X04076	6
MIOA1543			
MIOA2533a			
SEOA2053			
miob6008			
ncrc4647			
miob3167			
717 SEOA2436a	complement C1r	M14058	6
SOA0616			
FCR3050			
SEOA9841			
SEOA9656			
seob6402			
718 ncr1186	glutathione peroxidase 3 (plasma) (GPX3)	NM_002084.2	6
ncr8192			
ncrb2444			
ncr8401			
ncrc6668			
ncr9019			
719 SEOA6751	synaptophysin-like protein (SYPL)	gi5803184	6
SEOA8669			



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seob6710			
ncrc5023			
ncrc6308			
fcrb2466			
720 miob5491	CGI-07 protein	AF132941.1	6
ncrb1765			
seob6562			
MIOA5229a			
ncrb7804			
seoa7680a			
721 MIOA6580a	CGI-148 protein	AF151906	6
MIOA7590a			
seob7383			
SEOA9722			
SEOA9478			
SEOA4178a			
722 hfcr1671	filamin (FLNB)	AF191633.1	6
miob5429			
hfcr6699			
ncrb8576			
hfcr9796			
bfcw0340n			
723 FCR0766	chondroadherin (CHAD)	U96769	6
fcrb1608			
hfcr1927			
hfcr2572			
ncrb6441			
ncrc5155			
724 FCR3823	nonmuscle myosin heavy chain-B (MYH10)	M69181	6
hfcr0725			
hfcr7493			
SEOA9760			
FCR3199			
hfcr0720			
725 hfcr4275	conserved gene amplified in osteosarcoma (OS4)	NM_005730.1	6
ncr7149			
miob1711			
ncrc6309			
SEOA3486a			
miob1882			
726 hfcr3660	signal sequence receptor, gamma (translocon-associated protein gamma) (SSR3)	NM_007107.1	6
ncrb0092			
SEOB2184			
ncrc6272			
ncr7270			
ncrb5301			
727 SEOA3514a	okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) (=Y16968.1 l-myc homologue)	AF084555.1	6
hfcr4172			
hfcr6485			

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	MIOA4343a			
	miob6685			
	MIOA3082a			
728	SEOA4403a	SH3 domain-containing protein SH3P18	U61167	6
	FCR2818			
	MIOA8084			
	MIOB2144			
	miob6440			
	FCR3990			
729	SEOB0976	transformer-2 alpha (htra-2 alpha)	U53209.1	6
	FCR1460			
	hfcr0375			
	hfcr8735			
	seob4137			
	ncrc5823			
730	SEOA2233a	cullin 4A (CUL4A)	AF077188.1	6
	MIOA6458a			
	miob3664			
	ncrc3610			
	SEOA4120a			
	SEOA9107			
731	ncr0213	dendritic cell protein (GA17)= AF064603 GA17 protein	NM_006360.1	6
	ncrc9604			
	ncrc0289			
	ncrb2323			
	ncr8054			
	ncrc3246			
732	SEOB3197	voltage-dependent anion channel (VDAC1)	AF151097.1	6
	ncr6293			
	MIOA4930a			
	MIOA4943a			
	seob6357			
	SEOA4197a			
733	MIOB2664	bullous pemphigoid antigen (BPAG1)	L11690.1	6
	miob3540			
	ncr7176			
	ncrb7556			
	ncrc1408			
	ncrc4295			
734	SEOB3386	IGSF4 gene	AB017563.1	6
	MIOA1439			
	SEOB2973			
	SEOA8585			
	seob6239			
	SEOB1715			
735	SEOA4730a	exportin 1 (CRM1,yeast, homolog) (XPO1)(ORF) =D89729, CRM1 protein,	NM_003400.1	6
	MIOA5849a			
	SEOA9516			
	SOA0058			
	ncrc9586			

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miob3291				
736 miob2375	H3 histone, family 3B (H3.3B) (H3F3B)	NM_005324.1	6	
fcrb1771				
fcrb1772				
hfcf7548				
ncrc2123				
hfcf0335				
737 ncr8693	Histone 4 family, member M (RefSeq aa 7e-53)	NP_003486.1	6	
ncr6178				
ncrb2655				
ncrb1630				
ncrc3022				
ncrc6643				
738 SEOA4822a	non-histone chromosome protein 2 ( <i>S. cerevisiae</i> )-like 1 (NHP2L1)=D50420,OTK27	NM_005008.1	6	
hfcf3712				
fcrb0016				
ncrb4543				
ncrb6317				
ncrb5158				
739 SEOA1237A	growth arrest specific transCRipt 5 gene	AF141346.1	6	
MIOA7951a				
hfcf9207				
hfcf9592				
ncrc9825				
SEOA8569				
740 SEOB3520	SPHAR gene for cyclin-related protein	X82554.1	6	
mioa9997				
ncrb4597				
seob4477				
ncrb0859				
SEOA0240a				
741 MIOA2333a	H-2K binding factor-2	D14041	6	
seoa0461m				
SEOA4036a				
SEOA6555a				
SEOA8366a				
ncrb3320				
742 seob5621	KIAA0349 gene	AB002347.1	6	
miob0647				
ncrb4506				
ncrb5811				
ncr0148				
hfcf3746				
743 SEOB1908	KIAA0885	AB020692.1	6	
SEOA8583				
ncrb2651				
ncrb1336				
SEOA1398				
SEOA3405a				
744 SEOB0950	KIAA1025	AB028948.1	6	
MIOA1128				

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MIOB1518			
mioa1127m			
hfc9528			
ncrc5946			
745 MIOA0493	LGMD2B	AJ007973	6
SOA0482			
hfc7958			
miob2360			
miob6443			
ncrc6939			
746 FCR5026	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (PF2K) (=AB007902 KIAA0442)	AF041832	6
SEOA1361			
FCR2817			
hfc4652			
ncrc2796			
hfc9564			
747 MIOA8998	protein phosphatase 1 catalytic subunit, beta isoform (PPP1CB)	NM_002709.1	6
seob4826			
ncr4122			
SEOA1116a			
ncr1405			
ncr5392			
748 SEOA0285	mitochondrial 16S rRNA	Z70759	6
mioa0762m			
SEOA1241A			
CR0928			
FCR3940			
SEOB1358			
749 SEOB2792	mitochondrial coxII	X55654.1	6
FCR1749			
FCR1465			
FCR5408			
MIOA4643a			
mioa9983			
750 SEOA0150	glutaminase C	AF158555.1	6
SEOA8539			
ncrc1549			
miob2384			
ncr7103			
ncrc3453			
751 miob2478	DNA-binding protein A gene	L29073.1	6
SEOB1354			
SEOB1365			
hfc8418			
ncr6210			
ncrb1117			
752 FCR7744	general transcription factor 2-I (GTF2I)	AF038968	6
BFCS0407			
hfc6694			
ncr2543			

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hfc6016			
ncr7742			
753 mioa9679	YME1 (S.cerevisiae)-like 1(YME1L1), = AJ132637.1 ATP- dependent metalloprotease YME1L (ORF)	NM_014263.1	6
hfc6352			
ncr1319			
ncrc6000			
MIOA1432			
SEOA2219a			
754 seob4807	splicing factor, arginine/serine-rich (transformer 2 Drosophila homolog)(SFRS10)	NM_004593.1	6
hfc9217			
SEOA9022			
SEOB1682			
SOA0161			
hfc2131			
755 SEOA5784	LIM and SH3 protein 1 (LASP1) (=X82456 MLN50)	gi5453709	6
hfc5177			
MIOA0271			
hfc7830			
CR0219			
SEOA2098			
756 SEOA5358	TGF-beta inducible early protein (TIEG)	U21847	6
ncrb5869			
ncrc5458			
hfc3848			
SEOA5615a			
ncrb3329			
757 hfc1724	pigment epithelium-derived factor (PEDF)	NM_002615.1	6
hfc6870			
hfc7833			
BFCN0013			
hfc7440			
hfc3065			
758 SEOB3499	ARP2/3 protein complex subunit 34 (ARC34)	NM_005731.1	6
fcb0140			
SEOA1813a			
SEOA3189			
FCR1881N			
ncrc5648			
759 SEOA0915	high mobility group 2 protein (HMG-2)	M83665	6
miob1172			
soa0197n			
ncrb8219			
hfc4439			
fcb2458			
760 SEOA4646a	jumping translocation breakpoint (JTB) =AB016488 hJTB (ORF)	NM_006694.1	6
ncrb1911			
ncrc3417			
BFCW0333			
SEOA7626a			

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761	SEOA7640a seob8220	murine leukemia viral (bmi-1) oncogene homolog (BMI1)	NM_005180.1	6
	ncrb5247 ncrc0904 SEOA2126n SEOA9678 mioa2126m			
762	SEOA8566 seoa4977a SEOA9376 SEOA9605 ncrb6853 ncr2783	13kDa differentiation-associated protein	AAF17196.1	6
763	ncrc9793 ncr0648 ncrc3681 ncr6315 ncrc3009 ncrc5705	hypothetical protein Nop10p (RefSeq aa 1e-33)	NP_061118.1	6
764	SEOA1348 mioa3137an ncr7551 seoa1348 SEOA9416 hfc6131	KIAA0103	D14659	6
765	ncrb7102 SOA0056 ncrc0207 ncrc0889 ncrc1004 miob6408	p130 (130K protein)	X76061.1	6
766	MIOB2724 SEOA5994a seob4211 seoa7989 ncr0918 ncrb8318	S1R protein (S1R) (=CGI-119)	AF113127.1	6
767	MIOA5955a  ncr6126 ncr6223 ncr6236 miob3229 MIOA4283	ATP synthase, H transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1 (ATP5G1) (ORF)	NM_005175.1	6
768	ncr0075 fcrb1974 miob6546 ncrc0924 ncrc2070 ncrb3355	fragile X mental retardation 1 (FMR1)	NM_002024.1	6

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769	MIOA6135a SEOA9353 SOA0165 ncrc5608 SEOA0316 SEOA1356	nucleobindin 2 (NUCB2)(NEFA protein)	X76732	6
770	SEOA8397a MIOB1558 ncrb1624 seob6528 mioa7699a seoa7748a	progesterone membrane binding protein (PMBP)	5453915	6
771	ncr9772 hfcr4223 hfcr6761 ncrc0635 ncrc3620 ncr7560	melanoma inhibitory	NM_006533.1	6
772	MIOB2641 hfcr8275 miob1455 miob6414 SEOA9374 SEOB1567	KIAA1250	AB033076.1	6
773	ncr0189 ncr1240 ncr8649 ncrb2351 seob3748 mioa9259	ORF2 [Canis familiaris](60%)	AB012223	6
774	seob5730 seob6483 SEOB3252 ncr2058 ncr4208 ncr6110	POLR2K gene for RPB10 alpha	AJ252078.1	6
775	MIOA4643a mioa9983 SEOB2792 FCR5408 FCR1749 FCR1465	cytochrome C oxidase II subunit (ORF)	X55654	6
776	FCR4633  hfcr1590 CR0857 miob1209 ncrc7189 seob4669	karyopherin (importin) beta 1 (KPNB1) (=L38951 importin gi4504904 beta subunit)		6
777	ncrc6553	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344) (CD59)	NM_000611.1	6

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HFCR3081				
SEOA5775				
seob4103				
ncrb1896				
ncrb1856				
778 MIOB1094	CAR (RFP2)	AF279660	6	
bfcn0217n				
fcrb2023				
seoa0124nn				
mioa5565a				
mioa7915				
779 ncr7181	signal peptidase complex (18kD) (SPC18)	NM_014300.1	6	
SEOB0490				
ncrb4948				
fcr4976n				
miob6747				
ncrc1025				
780 mioa7857	basic helix-loop-helix domain containing, class B, 2 (BHLHB2), mRNA /cds=(196,1434) /gb=NM_003670 /gi=4503298 /ug=Hs.171825 /len=2922	Hs.171825	6	
ncrb8797				
SEOA8638				
SEOB0592				
SEOB0598				
hfc1185				
781 miob1355	5-aminoimidazole-4-carboxamide ribonucleotide	NM_004044.1	6	
seob6473				
MIOA8782				
FCR4676				
miob2528				
SEOB0971				
782 ncr0287	actin, alpha 2, smooth muscle, aorta (ACTA2) (ORF)= J05192.1	NM_001613.1	5	
ncr2635				
ncrb3585				
ncrb3944				
ncrc3564				
783 hfc9778	NADH dehydrogenase(ubiquinone) 1 beta subcomplex, 3 (12kD, B12) (NDUFB3)	NM_002491.1	5	
mioa3852n				
miob0376				
miob2355				
seob6618				
784 BFCN0018	heterogeneous nuclear ribonucleoprotein (hnRNP) core protein A1	X12671	5	
FCR4486				
hfc6912				
SEOA1075a				
SEOA1075a				
785 SEOB1357	eukaryotic translation initiation factor 3, subunit 10 (theta, gi4503508 150/170kD)		5	
SEOB1357				

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hfc8963			
miob4606			
ncrb1514			
786 MIOA1628a	adenylyl cyclase-associated protein (CAP)	L12168	5
MIOA1911a			
miob6258			
SEOA5986a			
SEOB2745			
787 ncr5499	tetratricopeptide repeat domain 3 (TTC3)(= DCRR1 )(= TPRDIII)	NM_003316.1	5
ncr7417			
ncrb7614			
ncrc2641			
SEOB3517			
788 hfc8261	endothelial differentiation-related factor 1 (EDF1)	NM_003792.1	5
hfc7455			
ncrc4130			
seob7024			
fcrb2765			
789 CR0778	ATP SYNTHASE A CHAIN (PROTEIN 6)(ORF)	P00846	5
FCR6882			
hfc0242			
ncr0221			
ncr1046			
790 FCR2508	NADH-ubiquinone oxidoreductase subunit CI-B14	AF047182	5
FCR4175			
MIOA4763			
MIOA8252			
SEOA7921a			
791 hfc5881	MHC class 1 region	AF055066	5
MIOA1763			
MIOA3969a			
ncrc2058			
ncrc5587			
792 hfc7512	plastin 3 (T isoform) (PLS3)	NM_005032.2	5
miob4132			
miob4132			
ncrb0415			
ncrc6977			
793 MIOA0510	hexosaminidase B (beta polypeptide) (HEXB)(ORF)	NM_000521.1	5
ncr4385			
ncr7017			
ncrb6361			
seob5415			
794 hfc0503	breast cancer associated gene 1 protein (BCG1) (ORF)	AF128528.1	5
hfc0985			
hfc3916			
hfc7081			
hfc9191			
795 FCR4719	ornithine decarboxylase antizyme	D87914	5
fcrb0057			

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hfc0282			
hfc07611			
ncr0851			
796 MIOA1636a	enterocyte differentiation associated factor EDAF-1	U62136.2	5
MIOA1876a			
miob1131			
SEOB0077			
seob7022			
797 miob6338	four and a half LIM domains 1 (FHL1)	NM_001449.1	5
ncr4606			
ncrb0157			
ncrc1679			
SEOA4140a			
798 fcrb0157	translocase of outer mitochondrial membrane 20 (yeast) homolog (KIAA0016),	NM_014765.1	5
hfc07695			
ncr0170			
ncr1597			
seob5419			
799 fcrb0727	mouse tropomyosin homolog (HSPC001) =AF047439(ORF)	NM_004872.1	5
hfc01347			
MIOA4651a			
MIOB2737			
miob6829			
SEOA4717a			
800 MIOA0940	DNA polymerase zeta catalytic subunit (REV3)	AF157476.1	5
MIOA3260a			
ncrc6637			
SEOA0727a			
seob3753			
801 FCR0821	eukaryotic initiation factor 4 gamma (eIF-4 gamma)	D12686	5
FCR2648			
FCR5513			
SEOA0356			
SEOA3863			
802 FCR0946N	eukaryotic translation initiation factor 4A, isoform 1 (EIF4A1)	D13748	5
fcrb1741			
hfc03479			
hfc04499			
hfc07513			
803 MIOA2150	E6-AP ubiquitin-protein ligase (UBE3A)	AF009341.1	5
MIOA4882a			
MIOA4946a			
SEOA8582			
SEOB1898			
804 fcrb1561	prolyl 4-hydroxylase beta-subunit and disulfide isomerase (P4HB)	M22806.1	5
fcrb2091			
fcrb2134			
hfc03738			

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hfc6176			
805 HFCR3155	archain 1 (ARCN1)	gi4502194	5
ncr1786			
ncr5526			
ncrb5363			
seoa7004			
806 CR0959	protein kinase C inhibitor-I	U27143	5
mioa9356			
ncr6898			
SEOA1109a			
seob6092			
807 FCR1598N	serine/threonine kinase KPM	AF207547.1	5
fcrb0114			
miob6098			
ncrc1986			
ncrc3313			
808 hfc2759	fibroblast growth factor 2 (basic)(FGF2)	NM_002006.1	5
miob5937			
ncr6797			
ncrb2503			
seob5260			
809 miob0278	predicted osteoblast protein (GS3786), mRNA	NM_014888.1	5
ncrc6526			
seoa6950			
SEOA9761			
SEOB3258			
810 SEOB0509	HSPC204	AF151038.1	5
miob0978			
miob5676			
seob3881			
seob7185			
811 MIOA1544	KIAA0579	AB011151.1	5
MIOA1761			
MIOA4010a			
ncr8101			
SEOB0906a			
812 MIOA1515	Rap1B	U07795	5
SEOA3628a			
SEOA3689a			
SEOA3960a			
SEOB3356			
813 MIOA0317	X (inactive)-specific transCRipt (XIST)	M97168	5
SEOA0533			
SEOA1182A			
seob5631			
seob7582			
814 MIOA8320	alcohol dehydrogenase, class III (ADH5) chi subunit	M30471	5
BFCW0325			
FCR0677			
ncrb0136			
ncrb4885			

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815	SEOB2661	diphosphoinositol polyphosphate phosphohydrolase type 2 (NUDT4)	AF191654.2	5
	miob5793			
	ncr1098			
	ncrb2186			
	seob5622			
816	MIOA1310	phosphatidic acid phosphatase 2a	AB000888	5
	FCR0141			
	FCR7002			
	ncrb0293			
	ncrc1498			
817	SEOB0248	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9 (22kD, B22) (NDUFB9)	NM_005005.1	5
	hfcr4134			
	hfcr9345			
	seob5360			
	seob6636			
818	hfcr0669	NADH dehydrogenase(ubiquinone) 1, alpha/beta subcomplex, 1 (8kD, SDAP)(NDUFAB1) mRNA	NM_005003.1	5
	ncrc9166			
	MIOA7040a			
	ncrb1914			
	seob2334			
819	miob6188	selenoprotein W (hSelW)	AF015283.1	5
	FCR6107			
	ncrc6511			
	ncr3500			
	ncrb1532			
820	hfcr6164	frizzled (Drosophila) homolog 1 (FZD1)	NM_003505.1	5
	seob6242			
	miob5102			
	seoa0985m			
	SEOA5370			
821	miob3911	nuclear factor I/B (NFIB)	NM_005596.1	5
	fcr3494n			
	ncr0605			
	ncrc5282			
	ncrc9204			
822	HFCR2390	heterogeneous nuclear ribonucleoprotein M (HNRPM)	5174610	5
	ncr3281			
	ncr3858			
	ncrc6353			
	hfcr0961			
823	SEOA9705	heterogeneous nuclear ribonucleoprotein R (ORF)	AF000364	5
	hfcr8939			
	MIOA0329n			
	mioa0766n			
	ncrb7626			
824	seob4145	nuclear protein (NP220)	NM_014497.1	5
	hfcr6824			
	seob7074			
	SOA0429			

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SEOA0898			
825 MIOA2300a	T-cell receptor alpha delta locus	AE000659	5
FCR0081			
MIOA2596a			
miob0986			
FCR0567			
826 miob3107	translocase of inner mitochondrial membrane 17 (yeast) homolog A (TIM17), mRNA	NM_006335.1	5
ncr1425			
ncrc1971			
ncrc3053			
ncrc4089			
827 SEOB1889	miCRosomal glutathione S-transferase 3 (MGST3)	AF026977.1	5
seob6050			
ncrc2832			
ncrc9941			
ncrc0356			
828 MIOA2537a	copine III (CPNE3) (=AB014536 KIAA0636)	gi4503014	5
seob7100			
seoa6761			
ncr8341			
ncrb3029			
ncr1004			
829 hfc2201	Golgi apparatus protein 1 (GLG1)	NM_012201.1	5
ncr6757			
hfc7555			
ncrc3695			
ncrc5363			
830 MIOA0192	destrin (actin depolymerizing factor) (ADF)	5802965	5
hfc7375			
seoa0800m			
hfc0425			
MIOA9175			
831 seob3905	growth arrest and DNA-damage-inducible, alpha (GADD45A)	NM_001924.1	5
SEOA3665a			
SEOA8604			
hfc9666			
ncr8870			
832 SEOB1426	5T4 oncofetal trophoblast glycoprotein (5T4)	NM_006670.1	5
ncrc1875			
ncrc4357			
MIOA4590a			
ncr9027			
833 seob5342	Autosomal Highly Conserved Protein (AHCP) (=DKFZp586G051)	NM_016255.1	5
ncrb0492			
ncrc1763			
miob6121			
ncrc9116			
834 MIOB2869	Diff33 protein homolog	AF164794.1	5
FCR3579			

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	seob5434			
	SEOB3017			
	seob4026			
835	seob5556	G8 protein (G8)	NM_016947.1	5
	hfcf6308			
	hfcf3437			
	ncrb6034			
	hfcf5912			
836	MIOA1279m	HSPC067	AF161552_1	5
	MIOB1540			
	SEOA1643a			
	miob0919			
	mioa7807a			
837	ncr3084	HSPC316	AF161434.1	5
	ncr4369			
	ncrc1336			
	ncrc1828			
	ncrc6535			
838	SEOB0497	HSPC034 protein	AF100747.1	5
	MIOA0167			
	SEOA9653			
	seob4237			
	MIOA5356a			
839	seob7658	KIAA0077 gene	D38521.1	5
	ncrb1639			
	FCR1106			
	MIOA2004			
	seob7056			
840	SEOA1992	KIAA0107	D14663	5
	FCR0785			
	FCR3435			
	FCR5951			
	ncrb5343			
841	seob4560	KIAA0127	NM_014755.1	5
	miob0915			
	ncr1675			
	ncrc0802			
	MIOA0452			
842	FCR2966	KIAA0174	D79996	5
	miob5732			
	ncr6155			
	ncrc3936			
	ncr3520			
843	FCR4084	KIAA0244 gene	D87685	5
	SEOA3018a			
	MIOA0323			
	SEOA5747a			
	seob5941			
844	MIOA1226	KIAA0265	D87454	5
	MIOA3645a			
	MIOA6537a			
	hfcf4143			

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845	hfc8394 MIOA0804 ncr4372 miob3331 miob6074 ncr6809	KIAA0308	AB002306	5
846	seob6584 ncrc6852 FCR3803 FCR4027 hfc81178	KIAA0325 gene	AB002323.1	5
847	SEOA6530a ncr1409 SEOA9902 MIOA4061a MIOA4797a	KIAA0382	AB002380	5
848	MIOA6147a MIOA6434a SEOA5572a ncr3899 ncrc0534	KIAA0577	AB011149	5
849	ncr0034 hfc87105 SEOA3701a FCR5200 ncr0034	KIAA0670 protein/acinusL (no-exact match 42% a.a.)	NP_055792.1	5
850	seob4087 ncr2613 ncrb4278 miob3096 seob7093	KIAA0680 gene product (KIAA0680)	NM_014721.1	5
851	ncr3368 ncrb0506 ncrb0491 seob3889 MIOA7059a	KIAA0853	AB020660.1	5
852	SEOA2952a MIOA5986a MIOA9162 miob4396 ncr8971	KIAA0977	AB023194.1	5
853	SEOA6184a SEOB1293 ncrc9596 ncrc9874 ncr0366 miob3052	KIAA1013	AB023230.1	5
854	hfc87671 SEOA5705a MIOA4754 MIOA5006a SEOA9038	KIAA1053	AB028976.1	5

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 122 of 312**

855	SEOA1228A	meningioma-expressed antigen 5 (MEA5) (=KIAA0679)	AF036145	5
	MIOA3291a			
	ncr6887			
	ncr0456			
	ncrc9959			
856	hfc9242	myeloid leukemia factor 2 (MLF2)	NM_005439.1	5
	hfc9341			
	hfc6069			
	ncr6897			
	FCR6235			
857	SEOB2259	NY-REN-45 antigen (LOC51133)	NM_016121.1	5
	MIOA8191			
	miob3916			
	seob4778			
	ncr0292			
858	hfc9023	PEG1/MEST	D87367.1	5
	HFCR3077			
	hfc6532			
	FCR3822			
	hfc9119			
859	hfc92725	PRO2605	AF116709.1	5
	hfc6546			
	hfc98968			
	ncr0923			
	fcrb1513			
860	seob4591	PRO2751	AF119896.1	5
	hfc90246			
	miob3431			
	seob5006			
	SEOA9796			
861	MIOA8652	PTH-responsive osteosarcoma D1 protein	AAD25980.1	5
	SEOA4697a			
	ncrc6395			
	MIOA4474a			
	ncr8741			
862	SEOA3207	seCReted protein of unknown function (SPUF)	AF173937.1	5
	MIOA8498			
	ncrc9163			
	SEOA0226a			
	ncr2297			
863	SEOA8642	steroid sensitive gene-1 protein (SSG-1)	AF223677.1	5
	ncr3551			
	ncrb5377			
	fcrb1152			
	SEOA9609			
864	hfc90347	uncoupling protein 2 (ucp2 gene homologue)	AJ243250.1	5
	hfc91001			
	hfc91367			
	hfc91388			
	hfc94651			



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 123 of 312**

865	hfcr0545	X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions	AF003528.1	5
	ncrb5925			
	ncrc8907			
	ncrc0857			
	ncrc9773			
866	hfcr3445	S100 calcium-binding protein A13 (S100A13)	NM_005979.1	5
	ncrb7829			
	hfcr8655			
	ncrb6415			
	hfcr9742			
867	hfcr9052	pyruvate dehydrogenase (lipoamide) alpha 1 (PDHA1)	NM_000284.1	5
	MIOA6773a			
	hfcr1402			
	ncr7413			
	MIOA2714a			
868	SEOA3578a	protein x 0001	AF117230	5
	MIOA6124a			
	SEOA3525a			
	seob7101			
	ncrb6041			
869	MIOA5346a	PTEN (PTEN) gene	AF143312.1	5
	ncr6647			
	ncr2129			
	ncrc2820			
	SEOA9406			
870	MIOA9147	lipoprotein lipase (LPL)	NM_000237.1	5
	MIOA2642			
	miob2419			
	miob3712			
	ncrc9466			
871	hfcr0967	CYTOCHROME C OXIDASE POLYPEPTIDE III	P00414	5
	miob0875			
	ncrc2056			
	SEOA8962			
	SEOA9392			
872	ncr8640	NADH dehydrogenase subunit 1(RefSeq aa 2e-70)	gi5835388	5
	ncr4605			
	ncrb6186			
	ncrb2292			
	ncrc2840			
873	seob4502	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4	P03905	5
	ncrc5143			
	ncr0274			
	seob2309			
	hfcr3534			
874	SEOA1041a	NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (COMPLEX I-MLRQ) (CI-MLRQ)	spO00483	5
	MIOA8244			
	SEOA8579			
	SEOB0714a			

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SEOB1676			
875 ncr2954	dihydrofolate reductase (DHFR)	NM_000791.2	5
SEOB2096			
seob4187			
MIOA6820a			
seob7891			
876 fcrb0598	aspartyl-tRNA synthetase (DARS)	NM_001349.1	5
hfc9449			
ncrb2461			
ncr9863			
SEOB2719			
877 seob4782	mitochondrial serine hydroxymethyltransferase gene, nuclear encoded mitochondrion protein, complete cds	U23143.1	5
hfc9189			
seob6658			
FCR3911			
hfc7674			
878 FCR5803	cystatin B	U46692	5
FCR7458			
SEOA6273			
ncrb5418			
ncrc9905			
879 SEOA2381a	PROS-27	X59417	5
FCR2002			
ncr2482			
ncrb6236			
seoa0340m			
880 SEOA6497a	sorting nexin 3 (SNX3)	AF034546	5
hfc0745			
SEOA4830a			
seoa7802a			
miob0313			
881 SEOB2717	AKAP450 protein	AJ131693.1	5
miob5452			
MIOA0302			
MIOA8156			
seob6682			
882 SEOA6155a	farnesyl-protein transferase alpha-subunit	L00634	5
SEOA7642a			
FCR6784			
ncrb1912			
MIOA4824a			
883 seob4209	prolylcarboxypeptidase (angiotensinase C) (PRCP)	NM_005040.1	5
miob0809			
ncrb0441			
ncr0769			
hfc0298			
884 hfc4034	sequestosome 1 (SQSTM1) (=U46751.1 phosphotyrosine independent ligand p62)	NM_003900.1	5
fcrb1527			
seoa7717a			
MIOA6918a			

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SEOA2949a			
885 SEOA7175a	GLI-Kruppel family member GLI3 (Greig cephalopolysyndactyly syndrome) (GLI3)	gi4504014	5
ncr7328			
ncrb7454			
FCR1345			
mioa9690			
886 miob4673	TATA element modulatory factor	L01042.1	5
SEOA0450			
SEOB0030			
seob3942			
mioa7652a			
887 MIOA2970a	two-handed zinc finger protein ZEB	U19969	5
SEOA0774			
SEOA2665			
seob6046			
ncr5431			
888 SEOA6598a	XAGL protein	Y15906.1	5
SEOB3291			
MIOA6244a			
SEOA0271			
SEOA1804a			
889 FCR1153N	zinc finger protein 262 (ZNF262) (=AB007885 KIAA0425) gi4827068		5
MIOA4334a			
hfc8010			
FCR0324			
FCR1149			
890 miob3421	zinc finger protein 84 (HPF2) (ZNF84)	NM_003428.1	5
ncrb7843			
ncr2550			
SEOA0940			
FCR1879N			
891 MIOA6582a	heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1)	NM_005520.1	5
hfc1431			
ncr8977			
ncrc7132			
ncrc0189			
892 SEOB3172	Polyadenylate binding protein	U75686.1	5
MIOB2796			
FCR2203			
ncrc2424			
MIOA8346			
893 MIOA3379a	spliceosomal protein SAP 155	AF054284	5
FCR7200			
fcrb1620			
fcrb1952			
MIOA8120			
894 SEOB0843a	splicing factor (CC1.4)	L10911.1	5
miob1250			
seob6015			

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FCR2092			
mioa0457m			
895 hfc8647	Splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated)(SFPQ)	NM_005066.1	5
ncr1747			
SEOA2402a			
SEOA4148a			
MIOA0494			
896 SEOB0872a	RNA polymerase II subunit hsRPB7	U20659.1	5
FCR1541			
MIOA3835			
FCR0425			
897 MIOA0249a	lymphocyte activation-associated protein	AF123320.1	5
MIOA5500a			
SEOA1670a			
ncr4013			
ncrc8851			
898 SEOA8227	heat shock 60kD protein 1 (chaperonin) (HSPD1)	NM_002156.1	5
SOA0642			
ncrc0092			
ncr7531			
ncrb7423			
899 SEOA9373	lysosomal-associated membrane protein 2 (LAMP2), transCRipt variant LAMP2B = U36336.1	NM_013995.1	5
ncrb4102			
ncrc1243			
ncrb0860			
ncrb3144			
900 FCR7026	beta-COP	X82103	5
SEOA2153n			
SEOA2872			
SEOA6572a			
mioa2153m			
901 seob4075	RAD23 (S. cerevisiae) homolog B (RAD23B)	NM_002874.1	5
seob6294			
ncrb1466			
SEOA4715a			
miob4832			
902 MIOA3343a	t-complex polypeptide 1	X52882	5
SEOA1490n			
SEOB2738			
hfc3743			
MIOA6835a			
903 seob6680	xeroderma pigmentosum group E UV-damaged DNA binding factor = NM_001923.1 damage-specific DNA binding protein 1 (127kD) (DDB1)	U32986.1	5
hfc2128			
hfc4347			
ncr0079			
fcrb0148			
904 seob7432	CGI-121 protein (LOC51002)	NM_016058.1	5
MIOA0680			

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SEOA8222			
seoa7872a			
MIOA7002a			
905 miob3474	restin (Reed-Steinberg cell-expressed intermediate filament-associated protein) (RSN)	NM_002956.1	5
SEOB3358			
ncrb3271			
MIOA6637a			
seob3980			
906 hfc7656	sarcoglycan, beta (43kD dystrophin-associated glycoprotein) (SGCB)	NM_000232.1	5
ncr5089			
MIOA0473			
FCR7007			
miob5022			
907 SEOB0201	Actinin-alpha	X55187.1	5
seoa6941			
SEOB0615			
SEOB1500			
seoa6941			
908 FCR6312	cytoplasmic beta-actin	M10277	5
fcrb1979			
ncrc9637			
SEOA4298a			
ncrb7746			
909 ncr0660	MEMA protein	Y09703.1	5
ncr1920			
ncr6593			
SEOB2739			
SEOA2326a			
910 hfc0229	moesin (MSN)	NM_002444.1	5
hfc1416			
ncr4518			
ncrc6331			
ncr1215			
911 seob7050	tubulin-specific chaperone a (TBCA) (=AF038952 cofactor A protein)	gi4759211	5
hfc5211			
miob0665			
ncr8760			
FCR1791			
912 SEOA1039a	myosin class I, myh-1c	AJ001382	5
FCR3060			
ncr2272			
SEOA4871a			
SEOA6197a			
913 SEOA2962a	oligodendrocyte myelin glycoprotein (OMG)	L05367	5
hfc8018			
SEOB1386			
SEOB2965			
miob4130			
914 MIOA6567a	activin A receptor, type I (ACVR1) =Z22534 ALK-2	NM_001105.1	5

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seob2592			
seob7091			
ncrc9173			
hfcr0572			
915 hfcr2930	CD81 antigen (target of antiproliferative antibody 1) (CD81)	NM_004356.1	5
hfcr6285			
hfcr9092			
hfcr9943			
hfcr5768			
916 ncr5570	CDA14 (RefSeq aa 2e-31)	NP_057654.1	5
SEOB1673			
ncr6160			
ncrb1890			
ncrb1399			
917 SEOA1452a	mannose 6-phosphate receptor, 46 kD (MPR46)	X56257	5
hfcr8398			
MIOA3353a			
MIOA6080a			
SEOA5436			
918 hfcr4645	secreted frizzled-related protein 1 (SFRP1)	NM_003012.2	5
ncr2586			
ncrc6717			
ncr8282			
ncr8596			
919 MIOA6240a	calcineurin A2	M29551	5
miob1106			
fcrb1065			
hfcr1360			
seob6482			
920 SEOB3565	activin beta-A subunit (=cDNA FLJ11041 fis, clone PLACE1004405, dbj AK001903.1)	X57580.1	5
MIOA4017a			
MIOA4029a			
SEOB1728			
SEOB2282			
921 MIOA2989a	insuline-like growth factor II receptor	Y00285	5
fcrb1230			
FCR5791			
FCR7610			
FCR7043			
922 HFCR3073	calcium modulating cyclophilin ligand CAMLG (CAMLG)	AF068179.1	5
ncrb2451			
ncrc6530			
mioa7852			
ncrb0938			
923 seob5636	polycystic kidney disease 2 (autosomal dominant)	NM_000297.1	5
mioa9975n			
ncr2029			
ncrb8166			
ncrb3200			

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924	FCR1150 FCR1439 fcrb0036 hfcr1066 hfcr9844	Thy-1 glycoprotein	M11749	5
925	SEOA1598a SEOA2071 SEOA3584a SEOA8663 SEOB0302	histone (H2A.Z)	M37583	5
926	SEOA3038a SEOA8274 SEOB3417 SEOA5174a SEOB3496	histone H4	X67081	5
927	SEOA1036a mioa1179m ncrc1481 ncrc6888 SEOA9015	M-phase phosphoprotein homologue	AF100742.1	5
928	miob3353 ncrb8596 ncrc4734 ncrb0931 ncr8473	cell division cycle 27 (CDC27)	NM_001256.1	5
929	SEOA2686 SEOA5900 SEOB0519 SEOB0848a ncrb4232	GTP-binding protein (RAB1)	M28209	5
930	SEOB0266 SEOB1380 seob8345 seob3710 fcrb2507	prefoldin 4 (PFDN4)	gi4505740	5
931	hfcr2031  fcrb1448 hfcr3951 ncr5662 seob6711	replication factor C (activator 1) 1 (145kD) (RFC1) mRNA	NM_002913.1	5
932	seob7530 SEOA9664 ncrb4699 miob3118 MIOA1632a	replication protein A3 (14kD) (RPA3)	NM_002947.1	5
933	SEOA5363 MIOA8020a miob4601 seoa2072n ncrc0511	anaphase promoting complex subunit 10	AF132794.1	5
934	seob6041	KIAA0075	D38550.1	5

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seob6721			
ncr0235			
ncr8546			
ncrc0805			
935 miob3357	KIAA0336 gene	NM_014635.1	5
SEOA3575a			
SEOA9442			
ncrc1701			
ncr3168			
936 SEOB3332	KIAA0527	AB011099.1	5
ncrb2010			
ncr0181			
ncrb2761			
hfc6936			
937 MIOA7110a	KIAA0573	AB011145	5
MIOA5841a			
seob4605			
MIOA6981a			
ncr5995			
938 MIOA8187	KIAA0610	AB011182	5
ncrb0760			
SEOA9885			
mioa9806			
ncrb7611			
939 MIOA8150	KIAA0810	AB018353.1	5
FCR5072			
SOA0541			
fcrb0052			
ncrc7092			
940 SEOA3229	KIAA1073	AB028996.1	5
seob8276			
MIOA2622			
seob5549			
fcrb2485			
941 SEOA4795a	PTD011	AF078864	5
SEOA4696a			
seob6588			
mioa9986n			
ncrc9169			
942 seob5816	retrovirus-related hypothetical protein II (=X52235 ORFII) S23650		5
ncr2476			
hfc3582			
ncrc5313			
ncrc9280			
943 miob6539	SRY (sex-determining region Y)-box 5 (SOX5)	NM_006940.1	5
ncr9940			
SEOB0547			
miob6467			
ncr8610			
944 hfc1635	YEAFF1 (YY1 and E4TF1 associated factor 1)	AB029551.1	5
hfc0259			



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ncr8659			
miob2469			
ncrb3975			
945 MIOA4476a	glucan (1,4-alpha-), branching enzyme 1(ORF)(glycogen branching enzyme, Andersendisease, glycogen storage disease type IV) (GBE1) mRNA	NM_000158.1	5
ncr4621			
MIOA0866a			
ncrc2689			
seob2328			
946 FCR4786	hexokinase 1 (HK1) (=AF016365;X66957)	M75126	5
FCR2081			
hfcr1560			
ncrc7023			
miob6814			
947 hfcr0854	fatty acid binding protein 5 (psoriasis-associated) (FABP5)	NM_001444.1	5
miob3808			
miob3872			
fcrb1839			
ncrc6545			
948 SEOA5382	oxysterol-binding protein	AB017026	5
ncr4604			
ncrc3763			
CR0972			
mioa7803a			
949 SEOA9689	ubiquinol-cytochrome c reductase core protein II (UQCRC2)(ORF) = J04973.1	NM_003366.1	5
ncrb1517			
fcrb2547			
fcrb1652			
MIOA5686			
950 miob4933	amino acid transporter system A (ATA2) (=AB037803.1 Human KIAA1382)	AF249673.1	5
ncrb4302			
ncrc4129			
ncrc8971			
miob2459n			
951 miob3461	Arginine-rich protein (ARP)	NM_006010.1	5
SEOA1404			
SEOA2761			
seob4794			
FCR4366			
952 FCR4614	translation initiation factor (=D21853 hypothetical protein (KIAA0111))	X79538	5
seob4065			
ncrb2933			
ncr8144			
SEOA5762			
953 ncrb6073	proteasome (prosome macropain) beta type, 4 (PSMB4)	NM_002796.1	5

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ncr5742			
ncrb5044			
ncrc0383			
hfc7775			
954 ncr2459	proteasome (prosome, macropain) 26Ssubunit, ATPase, 2 (RefSeq aa 2e-60)	NP_002794.1	5
ncrb4777			
ncrc0393			
ncrb0874			
ncrc4306			
955 hfc7789	PEX10 peroxisome biogenesis factor (peroxin) 10	AB013818.1	5
hfc7838			
hfc7583			
hfc6369			
hfc7746			
956 miob3432	DNA-dependent protein kinase catalytic subunit (DNA-PKcs)	U47077.3	5
FCR2419			
hfc0091			
hfc0187			
ncrc2069			
957 ncr0191	putative translation initiation factor(RefSeq aa 4e-60)	NP_005792.1	5
ncrc1497			
ncr9515			
ncrc5247			
ncrb0845			
958 SEOA8909	transCRiption factor forkhead-like 7 (FKHL7) gene	AF048693.1	5
ncr8743			
ncrc6499			
seoa3411an			
ncr5767			
959 miob6536	polyadenylate binding protein-interacting protein 1 (PAIP1)	NM_006451.1	5
ncr6059			
MIOA0610a			
SEOB2022			
MIOA4819a			
960 MIOA9116	protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1) (ORF)	NM_005389.1	5
MIOA4416			
MIOA4229			
seob5195			
SEOB0995			
961 SEOA1263A	CGI-130 protein	AF151888.1	5
MIOA7147a			
ncrc0669			
seob5114			
ncrc6087			
962 fcrb0359	endocytic receptor (macrophage mannose receptor family) (KIAA0709)	NM_006039.1	5
hfc7365			
FCR7329			

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FCR0763			
hfc9673			
963 ncr3040	glucocorticoid receptor AF-1 specific elongation factor	AF174496.1	5
hfc2596			
hfc7725			
hfc9501			
ncrb2809			
964 ncrb4015	thrombospondin 3 (THBS3) (RefSeq aa 3e-59)	NP_009043.1	5
ncrc0916			
ncrc9269			
BFCW0093			
ncrb1422			
965 SEOA3359a	cyclin G2	U47414	5
seob6850			
seob5669			
ncrc0847			
MIOA1214			
966 hfc9341	nucleolar phosphoprotein p130 (P130)	NM_004741.1	5
ncrb8204			
hfc9909			
ncrb2496			
ncrb6576			
967 seob4861	polymerase (RNA) II polypeptide G (POLR2G)	NM_002696.1	5
ncr3951			
ncrb4402			
ncrc3632			
hfc6670			
968 SEOA4647a	KIAA0433 (ORF)	AB007893	5
seob4659			
ncrb5017			
ncrc2472			
ncrb7696			
969 SEOA3403a	KIAA0729	AB018272.1	5
MIOA2700a			
SEOA9256			
ncrc1525			
MIOA3685a			
970 MIOA5085a	KIAA1038	AB028961	5
seob6448			
SEOA8605			
SEOA9184			
SEOB1330			
971 seob5899	KIAA1058 protein	AB028981.1	5
hfc7047			
ncrc0096			
seoa6809			
MIOA6252a			
972 miob2885	lipoma preferred partner (LPP)gene, exon 11, and complete cds	U49968.1	5
ncrb1827			
MIOA2261a			

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MIOA8676				
ncrb2063				
973 ncr6292	prostate cancer tumor suppressor (N33)	NM_006765.1	5	
ncrc4076				
FCR6998				
SEOA2744				
SOA0156				
974 MIOA1277m	protein S alpha gene (PROS1)	M36564	5	
ncrb7903				
mioa7768a				
ncrc5303				
MIOA2998a				
975 ncrb2170	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L	spP03901	5	
miob1331				
ncrc2043				
ncrc2250				
seob5092				
976 fcrb1296	ribosomal protein L36 60S	AF077043	5	
hfc2940				
hfc6380				
hfc7585				
hfc1124				
977 seoa7970	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(44,541) /gb=NM_021130 /gi=10863926 /ug=Hs.342389 /len=753	Hs.342389	5	
fcrb1523				
ncrc3978				
ncrb6939				
ncrb3852				
978 hfc1137	calpobindin II= ANNEXIN VI	D00510.1	5	
hfc6029				
hfc1926				
BFCN0055				
BFCS0338				
979 SEOA4786a	thioredoxin peroxidase (antioxidant enzyme) (AOE372) =U25182(ORF)	NM_006406.1	5	
BFCS0547				
FCR4007				
hfc0309				
mioa9868				
980 SEOB1208	cytoskeletal tropomyosin TM30(nm)	X04588.1	5	
hfc3733				
miob1829				
ncrc2948				
ncrc2948				
981 seob7952	LIV-1 protein, estrogen regulated (LIV-1) (=U41060)	7106340	5	
ncr4456				
ncrc3489				
seoa5764n				
MIOA2303a				
982 ncr2398	dehydrogenase subunit 4 (RefSeq aa 3e-34)	gi5835397	5	
ncrb2245				

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ncrc6897			
ncrc4303			
ncrc5033			
983 seoa7828a	phosphoglycerate mutase 1 (brain) (PGAM1), mRNA /cds=(31,795) /gb=NM_002629 /gi=4505752 /ug=Hs.181013 /len=1709	Hs.181013	5
seob3893			
hfcr2965			
hfcr6961			
ncrc3529			
984 MIOA8512	ribosomal RNA 16S gene	AF036006.1	5
MIOA4182			
SEOA4718a			
MIOA8748			
MIOA2521a			
985 MIOA2140	Zn-15 transCRiption factor (Zfp-15) (=AB011102 Human KIAA0530)	AF017806	5
hfcr1387			
hfcr6412			
ncrc4835			
ncrc9880			
986 SEOA0207a	tetraspan TM4SF(TSPAN-6)	AF053453	5
SEOB3143			
SOA0692			
ncrc0994			
FCR4382			
987 seoa7989	CGI-119 protein (LOC51643), mRNA /cds=(0,776) /gb=NM_016056 /gi=7706334 /ug=Hs.283670 /len=1325	Hs.283670	5
SEOA5994a			
seob4211			
ncr0918			
ncrb8318			
988 ncr9440	laminin, gamma 1 (formerly LAMB2) (LAMC1),	NM_002293.2	5
ncr9836			
ncrc5436			
hfcr9622			
ncr4986			
989 SEOA1084a	Rosenthal fiber protein (alpha-B-Crystallin)	M24906	5
hfcr8407			
MIOA8863			
SEOA8910			
ncrb4960			
990 ncrb3501	BPTF mRNA for bromodomain PHD finger transcription factor	AB032251.1	5
MIOA5865a			
seob6773			
seob6773			
ncrb3501			
991 forb1995	nucleosome assembly protein 1-like 1 (NAP1L1)	XM_047969.1	5
hfcr9031			
ncrc4352			

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hfc4145			
mioa9276			
992 BFCS0082	alpha subunit of GsGTP binding protein (GSA)	X56009	4
MIOA0908a			
SEOA6088a			
SEOA8565			
993 hfc9219	ring finger protein 4 (RNF4)	gi4506560	4
miob2423			
ncr2309			
SEOA7126a			
994 ncrb8000	small nuclear ribonucleoprotein polypeptide E (SNRPE)	NM_003094.1	4
seob3882			
seob5185			
seob6504			
995 BFCN0168n	ATP synthase, H transporting, mitochondrial F0 complex, subunit b, isoform 1 (ATP5F1), nuclear gene encoding mitochondrial	NM_001688.1	4
hfc1792			
hfc1913			
seob6758			
996 miob0788	capping protein (actin filament) muscle Z-line, alpha 2 (CAPZA2)	NM_006136.1	4
ncr3673			
ncr9659			
FCR5257			
997 MIOA6719a	TSE1=protein kinase A regulatory subunit	S54711	4
ncr7808			
ncrc0368			
SEOA7256a			
998 fcrb2525	proteasome (prosome, maCRopain) subunit, beta type, 3 (PSMB3)	NM_002795.1	4
miob4255			
SEOA4778a			
SEOB2077			
999 miob5855	Hmob33 protein	Y14155.1	4
SEOA5493a			
SEOA4865a			
SEOA9955			
1000 miob3743	transmembrane 9 superfamily member 2 (TM9SF2)	NM_004800.1	4
miob4015			
miob6313			
hfc0530			
1001 MIOA1979a	procollagen C-proteinase enhancer protein, type 1	AB008549	4
FCR0282			
FCR5320			
FCR5788			
1002 MIOA6232a	differentiated embryo chondrocyte expressed gene 1 (DEC1)	AB004066	4
MIOA0951			
MIOA6248a			
FCR6785			

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1003	seob7374 seob7374 ncr0987 seob4486	trinucleotide repeat containing 3 (TNRC3)	NM_005878.1	4
1004	FCR2210 FCR6319 fcrb0607 ncrb3867	MHC class I (HLA-A)	U59701	4
1005	miob5816 ncr3709 ncr4846 SEOA9777 SEOB1507	glutathione S-transferase M3 (brain) (GSTM3)	NM_000849.1	4
1006	SEOA8892 ncrc5079 ncr5409 ncrc2273	muscle specific gene M9 (=PTD001)	BAA76626.1	4
1007	SEOB2128 ncrc4226 SEOB3537 ncr0788	platelet-derived growth factor receptor-like (PDGFRL)	NM_006207.1	4
1008	SEOA2272a SEOA6186a SEOA6600a SOA0487	COBW-like placental protein	AF065414	4
1009	MIOA7353a ncrb1915 ncrb7655 SEOA7647a	SUMO-1-specific protease (KIAA0797)	NM_015571.1	4
1010	SEOB2939  miob5963 ncr3302 ncr8294	p58/GTA (galactosyltransferase associated protein kinase)	M37712.1	4
1011	miob3470 miob5653 seob6895 seoa6774	lysophospholipase I (LYPLA1)	NM_006330.1	4
1012	hfc6935  ncr8803 ncrc4629 hfc6045	proteasome (prosome, macropain) subunit, beta type, 7 (PSMB7)	NM_002799.1	4
1013	MIOA9179  fcrb0255 ncr8487 ncr7514	chaperonin containing TCP1, subunit 8 (theta) (CCT8)(ORF)	NM_006585.1	4
1014	ncr6619 ncrb3776 MIOA8932 MIOA0145	Sec23 (S. cerevisiae) homolog A (RefSeq aa 5e-49)	NP_006355.1	4

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 138 of 312**

1015	SEOB3151 MIOA2365a MIOA4299a MIOA4696	Translocon associated protein gamma subunit	spQ9UNL2	4
1016	SEOA5376  ncrc4728 seob3867 hfcr0580	nuclear factor (erythroid-derived 2)-like 2 (NFE2L2) (=S74017 Nrf2=NF-E2-like basic leucine zipper transCRiptional activator)	gi5453775	4
1017	SEOA5094a  ncrb0737 ncrc1102 SEOA8980	RAP1A, member of RAS oncogene family (RAP1A) =M22995	NM_002884.1	4
1018	SEOA0782 SEOA0782 SEOA3822a seob7087	RNaseP protein p30 (RPP30)	U77665	4
1019	hfcr0749 hfcr1214 hfcr7846 hfcr3385	glutathione S-transferase P1c (GSTp1c)	U62589.1	4
1020	FCR1760 hfcr0042 CR0929 FCR1760	collagen type XV alpha 1 (COL15A1)	L25280	4
1021	seob6878 ncrb7571 miob6314 hfcr7868	myosin-binding protein C, cardiac (MYBPC3)	NM_000256.1	4
1022	miob5891 miob1802 miob5891 SEOA5279a	secreted frizzled-related protein 4 (SFRP4)	NM_003014.2	4
1023	seob6026  CR0881 ncrc5783 seob3984	IQ motif containing GTPase activating protein 1 (IQGAP1)	NM_003870.1	4
1024	MIOA4606a ncrb2429 ncr3698 MIOA4606a	cadherin 13,H-cadherin (heart) (CDH13)	NM_001257.1	4
1025	ncr4104 ncr8167 ncrc1896 ncrc9916	Death associated protein 3 (DAP3)	NM_004632.1	4
1026	FCR5181 FCR7091 miob1823 ncrc6521	enhancer of polycomb (Epc1)	AF079765	4



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1027	miob4308	mesenchyme homeo box 2 (growth arrest-specific homeo box) (MEOX2)	NM_005924.1	4
	ncrb4088			
	seoa8164			
	MIOA4156			
1028	hfc2295	nucleolar autoantigen	NM_006455.1	4
	hfc7363			
	hfc1410			
	hfc9399			
1029	hfc9794	ADP/ATP carrier protein(ANT-2) gene	L78810.1	4
	miob4207			
	mioa9196			
	MIOA4365a			
1030	hfc5030	S100 calcium-binding protein, beta (neural) (S100B)	NM_006272.1	4
	ncrc9563			
	ncr8921			
	ncrc3918			
1031	hfc2781	3-phosphoglycerate dehydrogenase (PGAD)	NM_006623.1	4
	hfc6915			
	hfc9035			
	hfc3583			
1032	ncrb7726	phosphoinositol 3-phosphate binding protein-1 (PEPP1)	NM_020904.1	4
	ncrb1972			
	ncrc1684			
	ncrc4497			
1033	SEOB3545	Dimethyladenosine transferase (HSA9761)	NM_014473.1	4
	FCR0010			
	SEOA0390			
	SEOB0161			
1034	ncr3118	fatty-acid-Coenzyme A ligase, long-chain 4 (FACL4)	NM_004458.1	4
	ncr2084			
	ncr6759			
	seoa7711a			
1035	FCR0141	phosphatidic acid phosphatase 2b (PPAP2B)	AB000889	4
	ncr3193			
	ncr6161			
	ncr8874			
1036	ncrb5117	ATP synthase, H transporting, mitochondrial F0 complex, subunit f, isoform 2 (ATP5J2)	NM_004889.1	4
	FCR4629			
	seob5984			
	MIOA1729a			
1037	MIOA0187n	cytochrome c oxidase subunit Vb (coxVb)	M19961	4
	ncrb3156			
	FCR2960			
	MIOA6118a			
1038	FCR5799	methylenetetrahydrofolate dehydrogenase-methenyltetrahydrofolate cyclohydrolase-formyltetrahydrofolate synthetase	J04031	4
	mioa1216m			
	hfc6843			

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FCR5799				
1039	SEOB1100	methyl-CpG binding domain protein 2 (MBD2), transCRipt variant 1	gi7710146	4
	seob4452			
	SEOA3565a			
	hfcf6774			
1040	miob5751	proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2)	NM_002787.1	4
	SEOA9522			
	mioa9883			
	hfcf8666			
1041	ncr0531	hypoxia-inducible protein 2 (HIG2)	NM_013332.1	4
	ncrc4524			
	ncrc5060			
	ncrb3339			
1042	SEOB2987	CAAX box 1 (CXX1)	fi4503180	4
	hfcf1740			
	hfcf0161			
	fcr4791			
1043	miob3496	forkhead box O1A (rhabdomyosarcoma) (FOXO1A)	NM_002015.1	4
	ncr1348			
	ncrb3793			
	ncrb4079			
1044	SEOB0220	heterogeneous nuclear protein similar to rat helix destabilizing protein (FBRNP)	NM_005758.1	4
	MIOA0530			
	SEOA0254a			
	ncr1356			
1045	SEOB1865	Golgi vesicular membrane trafficking protein p18 (BET1)	gi5031610	4
	miob4263			
	seob5169			
	ncrb1230			
1046	miob0745	hect domain and RLD 2(HERC2) (=KIAA0393)	NM_004667.2	4
	ncrb2311			
	SEOA9803			
	hfcf8485			
1047	hfcf7635	collagen type IV alpha (2) chain	X05610.1	4
	FCR4896			
	FCR0175			
	hfcf9902			
1048	MIOA5594a	cofilin isoform 1	AF134802	4
	SEOA9652			
	miob3403			
	SEOB1014			
1049	miob4274	myosin IXA (MYO9A)	NM_006901.1	4
	ncrb0507			
	ncrb7505			
	ncrb7534			
1050	MIOB2122	fukutin	AB038490.1	4
	ncrc2708			
	SEOA9253			

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seob4162			
1051 seob6882	G protein-coupled receptor 64 (GPR64)	NM_005756.1	4
miob5611			
ncrb5913			
miob0635			
1052 MIOA5586a	germline T-cell receptor beta chain	U66061	4
fcrb2506			
SEOB1174			
miob3266			
1053 seob3684	signal sequence receptor, alpha (translocon-associated protein alpha) (SSR1) (=DCN)	NM_003144.2	4
ncr4114			
ncr9981			
ncrc9879			
1054 FCR4899	signal sequence receptor, beta (translocon-associated protein beta) (SSR2) (=D37991)	X74104	4
hfc8941			
ncrc3391			
BFCS0417			
1055 SEOB3414	SH3 domain binding glutamic acid-rich protein like (SH3BGRL)	NM_003022.1	4
ncr3411			
miob6804			
MIOA8335			
1056 ncrb6109	neuroendocrine-specific protein-like protein 1 (NSPL1)	AF119297.1	4
ncrc8861			
miob0601			
mioa9519			
1057 SEOA8621	ARFGAP1 protein (ARFGAP1)	AF111847.1	4
ncr0540			
seob4453			
ncrb8273			
1058 FCR0843	gelsolin, plasma (GSN)	X04412	4
fcrb0184			
ncrb5341			
ncr1519			
1059 MIOA1496	integrin cytoplasmic domain associated protein (Icap-1a)	AF012023	4
SEOB2205			
hfc817			
ncrb7822			
1060 ncr3577	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide) (ITGAE)	NM_002208.3	4
hfc6620			
ncrb0140			
miob1937			
1061 SEOA1570	acidic 82 kDa protein	U15552	4
SEOA3813a			
seob8077			
seob5974			
1062 MIOA0702	BUP	AF078848.1	4

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	SEOA2618			
	ncrc9603			
	ncrb0353			
1063	hfc9012	C90RF3	AF043897.1	4
	ncrb7387			
	ncrb0755			
	hfc9372			
1064	hfc9285	chondrosarcoma-associated protein 2 (CSA2)	AF182645.1	4
	SEOA2838			
	ncrc3925			
	ncr1985			
1065	SEOA2244a	density regulated protein drp1	AF038554.1	4
	SEOA6347			
	SEOB0026			
	hfc91413			
1066	SEOA7652a	E2IG5	AF191020	4
	SEOA8743			
	SEOB1618			
	SEOB0100			
1067	hfc98004	housekeeping (Q1Z 7F5) gene	M81806.1	4
	ncrb3537			
	ncrc9709			
	seob5876			
1068	SEOA1634a	HSPC039 protein	AF125100.1	4
	seob5807			
	SEOA2468			
	MIOA7003a			
1069	SEOB1372	HSPC139	AF161488.1	4
	seob5042			
	seob7556			
	ncrc0379			
1070	SEOA8738	HSPC213 (=HSPC327)	AAF36133.1	4
	MIOA3498a			
	seob7218			
	mioa9740			
1071	SEOA8443	KIAA0022	BAA03498.1	4
	ncrb1276			
	ncrc2379			
	seoa7007			
1072	SEOB1790	KIAA0136	D50926.1	4
	fcr6367			
	ncrc2635			
	hfc94061			
1073	SEOB0336	KIAA0232	D86985.2	4
	seob2007			
	hfc93752			
	seob7630			
1074	MIOA1427	KIAA0235	D87078	4
	hfc92661			
	SEOA6644a			
	ncr0584			
1075	FCR3483	KIAA0251	D87438	4

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	hfc8988			
	ncr4878			
	fcrb2664			
1076	SEOA5822	KIAA0252	D87440	4
	FCR3576			
	SEOA4106a			
	ncrb7232			
1077	MIOA1584	KIAA0256	D87445	4
	MIOA6654a			
	SEOA3232			
	ncr4989			
1078	SEOA2876	KIAA0276	D87466	4
	ncrc3700			
	mioa7937			
	miob2655n			
1079	MIOA3367a	KIAA0429	AB007889	4
	ncr8149			
	MIOA3367a			
	miob6509			
1080	miob2900	KIAA0477	AB007946.1	4
	ncr7762			
	ncrc3451			
	ncrc4575			
1081	FCR6140	KIAA0660	AB014560	4
	MIOA3696a			
	hfc80032			
	hfc80128			
1082	SEOB3216	KIAA0671	AB014571.1	4
	fcr6212			
	ncr9818			
	ncrb1208			
1083	SEOA7373a	KIAA0693	AB014593	4
	seob1717			
	FCR0856			
	ncrb8404			
1084	MIOA2506a	KIAA0971	AB023188.1	4
	MIOA7027a			
	ncrc6382			
	ncrb2949			
1085	SEOB1818	KIAA1102	AB029025.1	4
	MIOA6432a			
	MIOA6509a			
	ncrc4203			
1086	ncr0004	KIAA1354	AB037775	4
	hfc81332			
	ncr5689			
	ncr2566			
1087	seob5075	KIAA1376 protein	AB037797.1	4
	ncr8350			
	ncrc2654			
	fcrb0348			
1088	miob6254	KIAA1380 protein	AB037801.1	4

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	mioa9487			
	seob0423			
	ncrc6205			
1089	seob3887	KIAA1451 protein	AB040884	4
	seob7151			
	seob5741			
	SEOA9405			
1090	seob5193	mesenchymal stem cell protein DSC92 (LOC51335)	NM_016645.1	4
	ncrb0832			
	ncrb7012			
	ncrb8679			
1091	SEOB0787a	nickel-specific induction protein (Cap43)	AF004162.1	4
	SEOA7579a			
	ncr8623			
	FCR0561			
1092	MIOA2708a	NifU-like protein (hNifU)	U47101	4
	MIOA6100a			
	ncr6005			
	ncrb5380			
1093	seob6153	Nuclear antigen Sp100 (SP100)	NM_003113.1	4
	MIOA2281a			
	seob8328			
	SEOA5225a			
1094	seob4165	PRO1608	AF119850.1	4
	seob6396			
	fcrb1507			
	ncrb5448			
1095	seob4766	PRO1828	AF116669.1	4
	SEOB1182			
	hfc3014			
	hfc9711			
1096	SEOA0174a	promyelocytic leukemia cell	M11948	4
	SEOA8526			
	ncr0799			
	miob2392			
1097	seob7535	squamous cell carcinoma antigen recognized by T cell (SART-2)	NM_013352.1	4
	ncrc9914			
	SEOA9158			
	ncr3893			
1098	SEOA3635a	STAT-induced STAT inhibitor-2	AF037989	4
	ncr2812			
	SEOA9926			
	ncrb8258			
1099	MIOA1055	vesicle transport-related protein	AF110646.1	4
	MIOA1497			
	miob0763			
	ncrb5818			
1100	SEOA0101	phosphoglucomutase 1 (PGM1)	M83088	4
	seob8330			
	ncrb8433			
	miob5035			

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1101	SEOA2178a BFCW0511 BFCN0119 FCR0473	transaldolase	L19437.2	4
1102	seob3720 MIOA8818 seoa4632a ncrb0779	nucleotide binding protein, estradiol-induced (E2IG3)	NM_014366.1	4
1103	seob6812 ncr6586 miob3659 ncrc9956	PDNP1 gene (nucleotide pyrophosphatase)	AF110304.1	4
1104	SEOB1850 ncr3705 FCR5628 MIOB2115	phosphoribosyl pyrophosphate synthetase subunit I	D00860.1	4
1105	SEOA1883 SEOA7342a SEOB1518 hfc9173	dihydrolipoamide dehydrogenase	J03620	4
1106	hfc9483 FCR4608 hfc3547 MIOA1314a	lecithin-cholesterol acyltransferase (LCAT)	X04981.1	4
1107	seob5903  miob0716 miob6852 mioa7740a	phosphatase 1, catalytic subunit, gamma isoform (PPP1CC) mRNA	NM_002710.1	4
1108	SEOA2449a SEOA9065 hfc9027 ncrb2467	phospholipid sCRamblase 1 PLSCR1)	AF098642	4
1109	hfc3473 miob4014 ncr2181 ncr7002	serine palmitoyl transferase	AF111168.2	4
1110	SEOB3194  hfc0686 ncrc5752 seob7313	cytochrome oxidase subunit I (COI) and subunit II (COII) pseudogenes	AF035429.1	4
1111	SEOB0876a  miob5066 SEOB1071 seob8323	cytochrome-c oxidase subunit VIIaL precursor (COX7AL)	AF134406.1	4
1112	FCR1185N hfc5439 hfc6638 hfc6877	electron-transfer-flavoprotein, beta polypeptide (ETFB)	X71129	4
1113	seob7229	NADH-ubiquinone oxidoreductase B17	AF067167.1	4

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FCR0297			
ncr0301			
ncr3740			
1114 hfc0609	ubiquinol-cytochrome c reductase (6.4kD) subunit (UQCR)	NM_006830.1	4
hfc0838			
miob7000			
ncrb4771			
1115 seob5537	acidic protein rich in leucines (SSP29)	NM_006401.1	4
hfc4529			
SEOB1568			
hfc1855			
1116 SEOB1285	Lysyl tRNA Synthetase	D32053.1	4
hfc0906			
SEOA8911			
mioa9368			
1117 SEOA5683a	methionine aminopeptidase	U29607	4
SEOB0925			
ncr1244			
ncrc4732			
1118 hfc9551	eIF4E-like cap-binding protein (4EHP) (=translation initiation factor 4e )	NM_004846.1	4
ncrb2929			
FCR5472			
FCR6862			
1119 MIOA6698a	proteasome-associated pad1 homologue (POH1) 26S	U86782	4
FCR1456			
FCR5999			
ncrb8059			
1120 SEOB1862	wbsCR1 (WBSCR1)	AF045555.1	4
miob3164			
ncrb2299			
FCR0177			
1121 ncr8542	basic transcription factor 3 (RefSeq aa 4e-39)	NP_001198.1	4
ncrc9612			
fcrb1809			
mioa7814a			
1122 miob4121	isolate 5 12S ribosomal RNA gene	AF121220.1	4
ncr2634			
ncr2691			
ncr6800			
1123 SEOA1535	cathepsin F (CATSF)	AF071749	4
hfc6784			
hfc7763			
ncr2797			
1124 SEOA2974a	metalloproteinase inhibitor TIMP-2	AF127803.1	4
SEOA3922			
SEOA2833n			
MIOA1634a			
1125 ncr0018	protease inhibitor 6 (placental thrombin inhibitor) (PI6)	NM_004568.1	4
ncrb6780			



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ncrc4294			
ncr8856			
1126 seob5673	proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3)	NM_002788.1	4
hfc6658			
miob0430			
ncr3191			
1127 MIOA7415a	proteasome subunit Y (=X61971 maCRopain subunit delta)	D29012	4
hfc6857			
fcrb2685			
hfc5903			
1128 FCR4315	protein activator of the interferon-induced protein kinase (PACT)	AF072860	4
MIOA3514a			
MIOA2449a			
FCR4836			
1129 ncr9933	peptidylprolyl isomerase F (cyclophilinF) (RefSeq aa 4e-43)	NP_005720.1	4
ncrc2668			
ncrc1421			
ncrc4827			
1130 SEOA6151a	CCAAT/enhancer binding protein (C/EBP), delta (CEBPD)	4885130	4
ncr7142			
ncr9376			
ncrc6489			
1131 hfc3844	CLP (CLPP)	L54057.1	4
MIOA2031			
SEOA8290			
ncrb5197			
1132 FCR5941	necdin	AB007828	4
FCR6189			
seob7347			
seob6905			
1133 ncr7923	oxidoreductase UCPA (RefSeq aa 4e-82)	NP_064524.1	4
ncrc5548			
ncrc6369			
ncrb8378			
1134 miob3965	ring finger protein (C3H2C3 type) 6 (RNF6)	NM_005977.1	4
soa0078n			
MIOA5676			
miob0359			
1135 MIOA0861a	TPRC (=X97124 papillary renal cell carcinoma (translocation-associated) (PRCC))	X99720	4
SEOA5721a			
SEOA6715			
hfc6292			
1136 SEOA9740	trinucleotide repeat DNA binding protein p20-CGGBP (CGGBP) gene, complete cds	AF094481	4
ncr9347			
SEOA9296			

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	seob7984			
1137	SEOA9205	twist gene	Y10871.1	4
	ncr1900			
	ncrb7616			
	SEOB1508			
1138	ncr0122	Zinc finger protein expressed in cerebellum (KF1) (ORF)	NM_005667.1	4
	ncrc9689			
	miob0764			
	MIOB2194			
1139	ncr5473	glycyl-tRNA synthetase; glycine tRNA ligase (RefSeq aa 1e-45)	NP_002038.1	4
	ncrb2042			
	ncr8589			
	fcrb2029			
1140	ncrb2606	heterogeneous nuclear ribonucleoprotein H3 (2H9) (HNRPH3) (=hnRNP 2H9B)	NM_021644.1	4
	ncrc0972			
	seoa6759			
	seoa6997			
1141	MIOA1680a	heterogenous nuclear RNA W16W	X17272	4
	MIOA1824a			
	MIOA5606a			
	MIOA7566a			
1142	ncr9744	nuclear matrix protein 55	U89867.1	4
	seob5773			
	seob3645			
	miob0644			
1143	SEOA5552a	RNA binding motif protein 3 (RBM3) (=U28686)	5803136	4
	SEOA7601a			
	hfc8381			
	mioa1031m			
1144	hfc8599	RNA binding motif protein 5 (RBM5)	AF091263.1	4
	FCR2969			
	FCR3571			
	ncrb5063			
1145	SEOA5292a	snRNP protein B	X17567	4
	FCR5804			
	FCR6227			
1146	hfc80852	splicing factor 3b, subunit 2, 145kD (SF3B2)	NM_006842.1	4
	fcrb2597			
	ncrb3349			
	ncrb6065			
1147	hfc8573	splicing factor, arginine/serine-rich 4 (SFRS4)	NM_005626.1	4
	hfc9224			
	ncrb0457			
	ncrc8834			
1148	ncr9539	U13 snRNA pseudogene U13.4B	X58062.1	4
	ncrb2116			
	ncrb2930			
	ncrc4786			

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1149	ncr7539	MIL1 protein (MIL1), nuclear gene encoding mitochondrial protein	NM_015367.1	4
	ncrb2368			
	ncr5372			
	ncr7985			
1150	ncr5649	HLA class-I (HLA-A26) heavy chain	D32129.1	4
	ncrb4212			
	ncrc6304			
	ncrb7038			
1151	SEOA9344	antigen identified by monoclonal antibodies 12E7, F21 and O13 (MIC2) mRNA	NM_002414.1	4
	hfc7046			
	hfc8532			
	fcrb2726			
1152	SEOA0024	DNAJ domain-containing protein MCJ (MCJ)	AF126743.1	4
	SEOB0477			
	SEOA8768			
	miob4494			
1153	seob5562	hepatocellular carcinoma-associated antigen 33 (HCA33)	AF244137.1	4
	hfc3967			
	seob5373			
	hfc2047			
	FCR6035			
1154	MIOB2720	sperm antigen-36	AF187554.1	4
	MIOB2728			
	SEOB0422			
	SEOB0461			
1155	ncr3713	Tax1 (human T-cell leukemia virus type I) binding protein 1 (TAX1BP1)	NM_006024.2	4
	seob4022			
	MIOA5391a			
	ncrb6068			
1156	hfc7576	isolate Liv chaperone protein HSP90 beta (HSP90BETA)	AF275719.1	4
	ncr1628			
	hfc9685			
	hfc3515			
1157	seob4493	membrane component, chromosome 11, surface marker 1 (M11S1) = Z48042.1 GPI-anchored protein p137	NM_005898.1	4
	FCR2160			
	fcrb0292			
	ncr6053			
1158	MIOA5461a	putative transmembrane protein E3-16	AF092128.1	4
	MIOA7014a			
	MIOA5678			
	SEOA4798a			
1159	SEOB3143	tetraspan TM4SF (TSPAN-2)	AF054839.1	4
	SOA0692			
	ncrc0994			
	SEOA0207a			

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1160	fcrb1289 ncrb5180 ncrc2192 ncrc4985	coagulation factor XIII, A1 polypeptide (F13A1)	NM_000129.1	4
1161	MIOA3275  SEOA9302 hfc2862 ncr5492	platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (PAFAH1B1)	4557740	4
1162	ncr0478 miob4451 ncrb7098 SEOA9837	transferrin receptor (TFRC) gene	AF187320	4
1163	seob7752 ncrb8260 ncrb4731 ncrb4883	divalent cation tolerant protein CUTA (LOC51596)	7706243	4
1164	hfc8877 ncr9462 ncrb4085 fcrb2755	CGI-120 protein (LOC51644)	NM_016057.1	4
1165	MIOA3913a SEOB0633a ncr7484 ncrc7090	CGI-127 protein	AF151885.1	4
1166	SEOA1104a seob5479 seob7619 ncr0242	CGI-139 protein (=AF078858 PTD003)	AF151897.1	4
1167	ncr3402 ncr6275 hfc8766 ncrb7509	CGI-31 protein (LOC51075),	NM_015959.1	4
1168	MIOA1354a ncr2920 SEOB1684 SEOB0069	CGI-34 protein	AF132968.1	4
1169	FCR4787 FCR4907 hfc1748 hfc5702	CGI-39 protein	AF132973.1	4
1170	SEOB1526 fcrb1394 ncrb0152 ncrb5941	CGI-74 protein	AF151832.1	4
1171	FCR7318  FCR0530 ncr2601 hfc0990	echinoderm miCRotubule-associated protein homolog HuEMAP	U97018	4
1172	FCR0703 SEOA1621a	pericentrin (Pcnt)	U05823	4

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hfc9768			
seob3743			
1173 hfc4423	MLL septin-like fusion protein MSF-A	AF189713.2	4
fcb1933			
hfc3572			
fcb1460			
1174 MIOA6174a	nebulette (NEBL)	Y16241	4
ncrb4408			
ncrc1444			
mioa1032m			
1175 hfc1903	myosin light chain 2	NM_013292.1	4
hfc2804			
hfc6206			
hfc0427			
1176 SEOB0343	coxsackievirus and adenovirus receptor (CXADR)	AF200465.1	4
ncrc2817			
hfc6310			
ncrb4613			
1177 ncrb0207	discoidin domain receptor family, member 2 (DDR2)	NM_006182.1	4
ncrb4907			
ncrc1807			
ncrc5719			
1178 MIOA0252a	epidermal growth factor receptor, precursor	X00588	4
MIOA0358a			
MIOA2796a			
MIOB2699			
1179 SEOA1436a	insulin receptor	L07782	4
hfc6960			
ncr7257			
ncrb5598			
1180 MIOA5411m	leptin receptor (ORF)	U66496	4
contigmar28-29-010038			
FCR5331			
1181 seob5203	microvascular endothelial differentiation gene 1 product	AB026908.1	4
miob3144			
ncr3602			
ncrc0413			
1182 miob4895	vanilloid receptor; CARKL and CTNS; TIP1; P2X5b and P2X5a	AF168787.1	4
fcb2021			
SEOB2083			
hfc9713			
1183 seob4090	vitiligo-associated protein VIT-1 (VIT1) (=DKFZp564K2364)	AF264714.1	4
ncrb5355			
ncrb7258			
miob6367			
1184 seob6413	epithelial protein lost in neoplasm beta (EPLIN)	NM_016357.1	4
miob6076			
mioa7907			
miob6378			

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1185	SEOB1895 miob6523 ncrb4912 seob5095	mitogen-activated protein kinase 3 (MAP4K3)	4506376	4
1186	MIOA8361  ncr1109 ncr6899 hfcr7713	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor (=p58k protein)	NP_006251.1	4
1187	SEOA4876a ncrb6843 seob5662 seob6559	ser-thr protein kinase PK428	U59305	4
1188	miob1044  hfcr6864 hfcr9911 ncr7630	signal transducer and activator of transcription 1, 91kD (STAT1)(=transcription factor ISGF-3)	NM_007315.1	4
1189	miob6960 seoa7806a mioa8345n ncr3455	angiopoietin-like 1 (ANGPTL1)	NM_004673.1	4
1190	mioa9456  MIOB2592 hfcr2867 mioa1144	lens epithelium-derived growth factor gene, alternatively spliced, complete cds	AF199339.1	4
1191	SEOA3296 ncrc3047 SEOA9733 SEOA4655a	transforming growth factor-beta 3 (TGF-beta 3)	X14891	4
1192	seob5209  MIOB2666 miob1354 hfcr7817	uncharacterized hypothalamus protein HARP11 (HARP11)	NM_018477.1	4
1193	miob3259 hfcr1807 seob6355 seob6881	calcium channel alpha1E subunit (CACNA1E) gene	AF223391.1	4
1194	SEOA9620 MIOA2377a ncr2774 miob1812	multiple PDZ domain protein (MPDZ) = AF093419.1	NM_003829.1	4
1195	SEOB2108 seob7602 ncrb3528 ncr0801	heterochromatin-like protein 1 (HECH)	NM_016587.1	4
1196	miob4793 ncr8967 ncr1324 fcrb1680	high-glucose-regulated protein 8 (HGRG8)	AF192968.1	4

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1197	ncr3686 SEOA9723 ncr8208 ncrb0878	BM-001 (=cyclin L ania-6a)	AF208843.1	4
1198	ncr3825 hfcr3730 ncrb1754 ncr6740	caltractin (20kD calcium-binding protein) (CALT)	NM_004344.1	4
1199	miob5443 MIOA7236a ncrb3013 MIOA4650a	cullin 1 (CUL1)+D1167	AF062536.1	4
1200	ncr3642 SOA0044 fcrb0196 fcrb0276	cyclin D2(=KIAK0002 gene)	NM_001759.1	4
1201	MIOA1343a MIOA6830a miob0891 MIOB2181	M phase phosphoprotein 10	X98494	4
1202	seob8157 hfcr9961 ncr1245 ncrb8624	prefoldin 1 (PFDN1)	NM_002622.1	4
1203	FCR4639 MIOA2747a SEOA9360 SEOA5249a	brain cellular apoptosis susceptibility protein (CSE1)	AF053641	4
1204	miob1818 hfcr0330 hfcr5188 hfcr6833	p66shc (SHC)	U73377.1	4
1205	ncr3442 SEOA5351 SEOA1382 ncrc9655	adrenomedullin (ADM)	NM_001124.1	4
1206	ncr0100  seob4996 ncrb3168 ncrb6700	BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog (BUB3) = AF047472	NM_004725.1	4
1207	SEOB1166 miob0954 fcrb1073 miob3394	proto-oncogene tyrosine-protein kinase (ABL) gene	U07563.1	4
1208	ncr8096 ncrb2661 ncrc2284 seoa8011	tumor endothelial marker 8 (TEM8)	AF279145.1	4
1209	ncrc0194 ncrc6226 ncrc2748	hypothetical protein (RefSeq aa 5e-76)	NP_057578.1	4

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ncrb5121				
1210	SEOA5909	KIAA0206	D86961	4
	seob7710			
	ncrc5564			
	ncrb3993			
1211	FCR4576	KIAA0877	AB020684	4
	SEOA2813			
	hfcr6766			
	fcrb1501			
1212	SEOB0228	KIAA0993	AB023210.1	4
	ncrc5438			
	hfcr8390			
	SEOA0074			
1213	hfcr0713	KIAA1436 protein	AB037857.1	4
	miob4106			
	hfcr6183			
	fcrb2020			
1214	seoa7793a	P311 protein (P311), mRNA /cds=(202,408) /gb=NM_004772 /gi=4758865 /ug=Hs.142827 /len=2036	Hs.142827	4
	fcrb1616			
	ncrb8337			
	SEOB1956			
1215	SEOA8771	small EDRK-rich factor 1, long isoform (SERF1) (=btf2p44)	AF073519.1	4
	miob5445			
	hfcr1307			
	ncrc6345			
1216	miob5736	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1 (YES1)	NM_005433.1	4
	SOA0368			
	miob4875			
	fcrb2605			
1217	seob5767	vacuolar ATPase isoform VA68	AF113129.1	4
	hfcr0612			
	miob0948			
	seob8086			
1218	hfcr9536	deoxyuridine triphosphatase(DUT) mRNA, complete cds	U62891.1	4
	miob0757			
	ncrc1885			
	FCR5349			
1219	SEOA8564	steroid dehydrogenase homolog	AF078850.1	4
	SOA0643			
	SEOA9235			
	miob0411			
1220	SEOB3141	sterol carrier protein-X/sterol carrier protein-2 (SCP- X/SCP-2)	U11313.1	4
	ncrb6232			
	ncrc1127			
	seob4712			
1221	SEOA7530a	translin	X78627	4



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FCR1116			
fcr3817n			
miob3890			
1222 ncr0847	ribosomal protein L36a (RefSeq aa 1e-54)	NP_000992.1	4
ncrb4370			
ncr2270			
ncr6711			
1223 hfc0382	calpain-like protease (CANPX)	NM_014289.1	4
BFCS0457			
FCR4971			
hfc7802			
1224 fcrb1259	cysteinyI-tRNA synthetase	L06845.1	4
BFCW0115			
ncr5140			
seob7102			
1225 ncr3419	ubiquitin-like 3 (UBL3)	NM_007106.1	4
ncrc4047			
mioa9974n			
ncr5296			
1226 ncrb3975	YY1 transcription factor (YY1)	NM_003403.2	4
seob7686			
ncrc9592			
SEOA4336a			
1227 SEOB1251	SR protein (RNPS1)	AF015608.1	4
hfc3043			
hfc9099			
SEOB3523			
1228 ncrb5058	major histocompatibility complex, class II, DR alpha (RefSeq aa 4e-78)	NP_061984.1	4
ncrb2093			
ncrc5104			
ncrc5513			
1229 SEOA7169a	epb72	X85117	4
seoa0964			
MIOA5204a			
MIOA8146			
1230 mioa9234	putative type II membrane protein (HP10390), (ORF)	NM_014255.1	4
mioa9242			
FCR5663			
FCR7710			
1231 SEOA8894	metallothionein 1X (MT1X) gene	X65607.1	4
ncrb6524			
ncrb8393			
ncrc0948			
1232 SEOA2106	ionizing radiation resistance conferring protein (=X83544 U18321 DAP-3)		4
BFCW0177			
FCR7039			
MIOA1324a			
1233 ncr0110	CGI-116 protein(LOC51019)(ORF)= AF155655 protein x 0009 mRNA	NM_016053.1	4
MIOA0454			

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seob6004			
ncr8099			
1234 SEOA1277a	actin2	D12816.1	4
SEOA9295			
SOA0337			
seob4754			
1235 SEOA0014	tropomyosin	M19267	4
fcrb1160			
fcrb1954			
miob4850			
1236 seoa8119	integral membrane protein 2B (ITM2B), mRNA /cds=(170,970) /gb=NM_021999 /gi=11527401 /ug=Hs.239625 /len=1843	Hs.239625	4
ncrb7961			
seoa6255n			
seoa6969			
1237 SEOA9131	inactive progesterone receptor, 23 kD (P23) = L24804.1= Q15185 (orf)	NM_006601.1	4
MIOA5087a			
miob2677n			
ncrc6175			
1238 fcrb1072	RAN binding protein 1 (RANBP1), low match	NM_002882.2	4
FCR3025			
CR0290			
FCR6139			
1239 FCR4954	voltage-dependent anion channel isoform 1 (VDAC)	L06132	4
BFCN0053			
FCR5809			
MIOA2077			
1240 MIOA1149	histone acetyltransferase 1	AF030424	4
mioa1148n			
seob4639			
ncr8990			
1241 miob6355	Nijmegen breakage syndrome 1 (nibrin) (NBS1)	NM_002485.2	4
fcrb1914			
ncr5232			
ncrb7525			
1242 MIOA3239a	apoptosis-related protein TFAR15 (TFAR15)	AF022385	4
mioa3229an			
miob6406			
ncrb3506			
1243 miob3147	septin 2-like cell division control protein	AF146760.1	4
SEOA9119			
seoa2602n			
ncr5077			
1244 hfcr0383	tumor antigen (L6)	M90657.1	4
BFCN0186			
ncr5200			
ncrb4180			
1245 ncrb8063	hypothetical 43.2 Kd protein (RefSeq aa 7e-35)	NP_057050.1	4
ncrc9617			
ncrb4729			

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ncr8503			
1246	SEOA4330a FCR3134N seob7936 ncrb7377	KIAA0592 (ORF)	AB011164 4
1247	seob3996 SEOA4545 SEOA6510a miob4558	KIAA0829	AB020636 4
1248	seob5414 seob4281 miob0082 ncrb5244	KIAA1265	AB033091 4
1249	ncrc1871	murine mammary tumor integration site 6(oncogene homolog) (RefSeq aa 6e-84)	NP_001559.1 4
	ncrc1089 ncrb3119 ncrb6496		
1250	ncrc3036 ncrb7897 FCR2601 ncr9715	PC3 cell line (TL27)	X75684.1 4
1251	miob3741 ncrc4955 seob5146 mioa9336	small acidic protein (IMAGE145052)	NM_014267.1 4
1252	FCR0134 SEOA2909a SEOA5912 SOA0478	lysophospholipase (LPL1)	AF081281 4
1253	SEOA1575a CR0215 SEOB1226 fCR0215	mitochondrial ATP synthase subunit 9	U09813 4
1254	seob6836 miob6743 ncrc0983 ncrc0983	hXBP-1 transcription factor DNA (=TREB protein)	L13850.1 4
1255	FCR0704 FCR0739 hfcr7066 FCR3843	zinc finger protein(MAZ)	M94046 4
1256	SEOB2295 ncr7647 FCR7063 MIOA4939a	KARP-1-binding protein 3 (=KIAA0470)	AB022659.1 4
1257	FCR2074 hfcr8814 hfcr8677 hfcr7123	miCRofibril-associated glycoprotein (MFAP2)	U19718 4
1258	fcrb2208 hfcr1763	smooth muscle myosin alkali light chain	U02629.1 4

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MIOA6251a			
ncr7096			
1259 FCR3790	novel growth factor receptor	M64347	4
CR0584			
FCR1184			
SEOA8289			
1260 mioa9821	inducible 6-phosphofructo-2-kinase/fructose 2,6-bisphosphatase (IPFK-2) = NM_004566.1	AF056320	4
SEOA1361			
FCR5026			
ncrc2341			
1261 FCR5810	GTPase activating protein (rap1GAP)	M64788	4
FCR2099			
SEOA1909			
MIOA0152			
1262 ncr4993	chromodomain helicase DNA binding protein 1 (CHD1)(RefSeq aa 1e-72)	NP_001261.1	4
ncrc9020			
SEOA8540			
SEOA4292a			
1263 ncr0421	topoisomerase IIb mRNA,(= TOP2 mRNA for DNA topoisomerasell )	U54831.1	4
hfc6482			
miob6277			
ncrc1272			
1264 hfc3007	CUG triplet repeat,RNA-binding protein 2 (CUGBP2), (=apoptosis-related RNA binding protein (NAPOR-2))	NM_006561.1	4
ncrc3546			
miob3363			
ncrc3546			
1265 MIOA7139a	retinoblastoma 1 (including osteosarcoma) (RB1)	NM_000321.1	3
miob3033			
ncr3149			
1266 miob1785	lectin, galactoside-binding, soluble, 3 (galectin 3) (LGALS3)	NM_002306.1	3
ncr1051			
ncrc9700			
1267 seob3854	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 (GNAI3)	NM_006496.1	3
miob0767			
ncr1330			
1268 SEOA0190A	protein phosphatase 2A B56-epsilon (PP2A)	L76703	3
FCR0669			
SEOA0190A			
1269 hfc2506	COX VIa-L cytochrome c oxidase liver-specific subunit VIa (EC 1.9.3.1)	X15341.1	3
miob3378			
seob4326			
1270 ncr2197	VDUP1 upregulated by 1,25-dihydroxyvitamin D-3, mRNA(=HHCPA78 homolog VDUP1 )	NM_006472.1	3
ncrc0863			
ncrc9639			

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1271	hfc2874	reticulocalbin 1, EF-hand calcium binding domain (RCN1)	NM_002901.1	3
	ncrb0165			
	mioa7893			
1272	miob6730	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 (16kD, SGD) (NDUFB5)	NM_002492.1	3
	ncrc6198			
	hfc6047			
1273	FCR4616	translation initiation factor A121/Sui1 (A121/SUI1), putative	AF100737	3
	hfc0060			
	FCR4616			
1274	fcrb1803	proteasome (prosome macropain) 26S subunit, ATPase, 1 (PSMC1)	NM_002802.1	3
	hfc2770			
	seob4489			
1275	miob1381	integrin, beta 5 (ITGB5)	NM_002213.1	3
	ncrb3429			
	seob7265			
1276	ncr2522	plasma membrane calcium ATPase isoform 1 (ATP2B1) gene, = J04027	L14561	3
	ncrb0115			
	SEOA5285a			
1277	ncr3188	mannosidase, alpha, class 1A, member 2 (MAN1A2)	NM_006699.1	3
	ncrc1192			
	ncrc2289			
1278	hfc0250	delta-like homolog (Drosophila) (DLK1)(= adrenal specific)	NM_003836.1	3
	hfc3028			
	hfc5735			
1279	MIOA8857	FAT tumor suppressor (Drosophila) homolog	NP_005236.1	3
	ncrc5931			
	miob0360			
1280	hfc5275	FUS glycine rich protein	X71428.1	3
	fcrb1944			
	hfc0365			
1281	hfc3727	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D)	NM_001960.1	3
	hfc4557			
	hfc7039			
1282	SEOA0099	ubiquitin-conjugating enzyme E2	AB017644.1	3
	ncr4671			
	SEOA1487			
1283	ncr2631	thyroid hormone receptor interactor 12 (TRIP12) (=KIAA0045)	NM_004238.1	3
	ncr2115			
	SEOB0009			
1284	miob3552	IMP (inosine monophosphate)dehydrogenase 2 (IMPDH2)	NM_000884.1	3
	hfc2639			
	miob3552			

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1285 seob6582	major histocompatibility complex, class II, DR beta 1 (HLA-DRB1)	NM_002124.1	3
hfc9066			
ncrc6811			
1286 MIOA3089a	DNA topoisomerase II (TOP2)	Z15115	3
FCR5288			
SEOA5755a			
1287 seob5817	laminin, beta 1 (LAMB1)	NM_002291.1	3
hfc4273			
hfc0452			
1288 hfc2670	hum-a-tub1 alpha-tubulin	AF141348.1	3
hfc6844			
hfc1298			
1289 miob3247	nerve growth factor (HBNF-1)(= OSF-1)(= pleiotropin )	M57399.1	3
ncrb5203			
fcrb1511			
1290 MIOA4005a	ras-related C3 botulinum toxin substrate (rac)	M29870	3
BFCW0170			
ncrc3179			
1291 FCR1748	voltage dependent anion channel form 3 (=AF038962)	U90943	3
SEOA6124a			
SEOA0850n			
1292 hfc6404	polymerase (DNA directed) delta 2, regulatory subunit (50kD) (POLD2)	NM_006230.1	3
hfc6576			
hfc7231			
1293 SEOA7231a	guanylate binding protein isoform II (GBP-2)	M55543	3
miob4567			
SEOB0962			
1294 miob5629	HSPC328	AF161446.1	3
hfc3670			
ncr4120			
1295 miob1864	spinocerebellar ataxia 1(olivopontocerebellar ataxia 1, autosomal dominant, ataxin 1) (SCA1), mRNA	NM_000332.1	3
ncrc2259			
MIOA4427			
1296 MIOA2563a	ATP-binding cassette, sub-family A (ABC1), member 8, putative (=AB020629 KIAA0822) (67% aa)	6005701	3
MIOA1685a			
ncrc9736			
1297 ncr3346	galactosidase, alpha (GLA)	NM_000169.1	3
ncr5715			
FCR6279			
1298 ncr4009	glucose regulated protein, 58kD (GRP58)	NM_005313.1	3
seob5268			
ncrb1868			
1299 ncrb5931	dihydrodiol dehydrogenase 2 (trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (RefSeq aa 1e-67)	NP_001345.1	3
ncrb2388			
ncrb6284			

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1300	MIOA6091 SEOA6117a HFCR3261	squalene epoxidase	D78129	3
1301	FCR4568  seoa0263m SEOA8795	CYTOCHROME C OXIDASE POLYPEPTIDE VIIC PRECURSOR	spP15954	3
1302	ncrb0017 ncr5131 ncr4858	cytochrome c oxidase subunit III (RefSeq aa 1e-54)	gi5835394	3
1303	FCR6264 ncr3710 ncrc4659	methionine adenosyltransferase alpha subunit	L43509	3
1304	MIOA0582a ncr3915 SEOA4405a	Krueppel-related DNA-binding protein (PF4)	M61866	3
1305	SEOA4029a MIOA7187a seob7190	RING zinc finger protein (RZF)	AF037204	3
1306	MIOA3668a ncrc4296 seob7429	RNA helicase	AJ223948	3
1307	SEOB3139 hfc6630 ncrb4116	Glutathione transferase omega (GSTO1)	AF212303.1	3
1308	SEOA3641a  SEOA5425 mioa9530	L-isoaspartyl/D-aspartyl protein carboxyl methyltransferase isozyme I	M93009	3
1309	FCR2882 fcrb2198 fcr7552	collagen type V alpha 1(COL5A1)	D90279	3
1310	MIOB2743  ncrb5547 ncrc3349	interferon gamma receptor 2 (interferon gamma transducer 1) (IFNGR2)	5031782	3
1311	SEOB2139  miob1087 ncrb4709	nuclear receptor subfamily 3, group C, member 1 (NR3C1)	NM_000176.1	3
1312	FCR2546N SEOA4416a hfc7794	insulin-like growth factor binding protein-3	X64875	3
1313	seob4108  MIOB2821 hfc3392	potassium channel modulatory factor (=DKFZp434L1021)	AF155652.1	3
1314	SEOA0844 FCR2629 seob8129	cyclin protein	M15796	3
1315	seob6437 MIOA2402a	nuclear phosphoprotein similar to S. cerevisiae	NM_007062.1	3

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 162 of 312

hfc3048			
1316 seob7369	COP9 complex subunit 4 (LOC51138)	NM_016129.1	3
MIOA1448			
ncrc4988			
1317 FCR2034N	endomembrane protein EMP70 precursor isologue	U95973	3
seob5180			
miob6271			
1318 MIOA1980a	KIAA0695	AB014595	3
ncrb3948			
miob6668			
1319 miob6382	KIAA0769 gene product (KIAA0769)	NM_014824.1	3
mioa9367			
hfc6821			
1320 SEOA0733a	neuronal protein	X79682	3
FCR1241N			
FCR3024N			
1321 miob6372	NRAS-related gene (D1S155E) (=DKFZp586J0620)	NM_007158.1	3
fcrb0125			
ncrb2006			
1322 miob3043	RAB13, member RAS oncogene family (RAB13) mRNA	NM_002870.1	3
fcrb1977			
ncr1689			
1323 SEOA4487	retrotransposon 3' long terminal repeat	Z48633	3
ncr2856			
SEOB1696			
1324 FCR1499	sex-regulated protein janus A	S77099	3
hfc2633			
fcrb1225			
1325 seob7402	ATPase, Ca transporting, cardiac muscle, slow twitch 2 (ATP2A2)	NM_001681.1	3
fcrb0299			
fcrb0177			
1326 ncr3763	cysteine protease	D55696.1	3
ncr0400			
hfc9560			
1327 MIOA8356	protein-tyrosine-phosphatase G1	D13380.1	3
FCR2978			
FCR2889			
1328 SEOB0606	adipocyte acid phosphatase beta=phenylarsine oxide-sensitive tyrosyl phosphatase	S62885.1	3
miob6813			
ncrb0012			
1329 ncr1782	ATP SYNTHASE PROTEIN 8 (A6L)	P03928	3
ncrc6510			
ncrc7099			
1330 SEOA4395a	hinge=OXPHOS system complex III	S61826	3
ncrb7427			
seob6438			
1331 MIOA0985	mitochondrial aldehyde dehydrogenase (ALDH I)	Y00109	3
MIOA6826a			
FCR5949			



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 163 of 312**

1332	SEOB3479 FCR0874 ncr2425	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1 (6kD, KFYI) (NDUFC1)	NM_002494.1	3
1333	SEOB0089 hfc9535 ncrc5993	NADH dehydrogenase (ubiquinone) Fe-S protein 6 (13kD) (NADH-coenzyme Q reductase) (NDUFS6)	NM_004553.1	3
1334	MIOA6501a fcrb1115 ncrb4021	Na,K-ATPase beta subunit (ATP1B)	M25160	3
1335	seob6203 ncrc9021 ncr1672	wingless-type MMTV integration site family, member 2B (WNT2B), mRNA	NM_004185.1	3
1336	ncr5426 ncrc6572 ncrc3154	alpha-1-antichymotrypsin, precursor;actichymotrypsin (RefSeq aa 6e-32)	NP_001076.1	3
1337	FCR6234 hfc7570 hfc8811	cystatin C	X52255	3
1338	hfc7603 hfc6178 hfc3873	proteasome (prosome, macropain) 26S subunit, ATPase, 3 (PSMC3)	NM_002804.1	3
1339	miob4570 miob5628 ncrb0131	sorting nexin 2 (SNX2)	AF065482.1	3
1340	hfc7967 ncrc8833 FCR5474	DiGeorge syndrome critical region gene 6 (DGCR6)	NM_005675.1	3
1341	ncr8975 SEOA4606a ncrb0669	ubiquitin-conjugating enzyme E2L 3 (UBE2L3)	NM_003347.1	3
1342	SEOB1345 SEOA9337 seob7608	Cdc5-related protein (PCDC5RP) (=AB007892.1 KIAA0432)	U86753.1	3
1343	MIOA4845a SEOA8845 mioa7687a	CGI-99 protein = homeobox prox 1= AF100755.1(ORF)	AF151857	3
1344	fcrb0355 hfc0822 hfc1323	jun B proto-oncogene (JUNB)	NM_002229.1	3
1345	MIOA7485a miob5128 SEOA6920	mSin3A (sin3A)	U22394	3
1346	hfc6568 seoa7854a ncr7947	retinoblastoma-binding protein 7 (RBBP7)	NM_002893.1	3

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 164 of 312**

1347	ncrb2389 ncrc3283 seoa7997	X-box binding protein 1 (RefSeq aa 3e-37)	NP_005071.1	3
1348	seob7424 ncr1431 miob6715	zinc finger protein 133 (clone pHZ-13) (ZNF133)	NM_003434.1	3
1349	SEOB1839 fcrb0200 mioa9761	dead box, X isoform (DBX)	AF000982.1	3
1350	hfcr1843  ncrb7905 ncrc4087	six transmembrane epithelial antigen of prostate (STEAP1)	AF186249.1	3
1351	mioa9908  miob0999 ncrb7970	coatamer protein complex, subunit beta 2 (beta prime) (COPB2)	NM_004766.1	3
1352	MIOA3393a FCR5707 FCR5704	helicase II (RAD54L) (=ATRAX)	U09820	3
1353	mioa9792  ncrc9774 ncr4700	topoisomerase (DNA) II alpha (170kD) (TOP2A) (ORF)	NM_001067.1	3
1354	SEOA0853 SEOA9029 miob6526	cytochrome succinate dehydrogenase, small subunit	AB026906.1	3
1355	hfcr3503 ncrc6484 ncrb3301	GTT1	AF270647	3
1356	MIOA1252  FCR6027 SEOA3749a	major histocompatibility locus class III regions Hsc70t (smRNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26)	AF109905	3
1357	FCR1347 hfcr0839 FCR3106	prenylated rab acceptor 1 (PRA1)	AF025506	3
1358	MIOA1882a miob4205 ncrb4819	CGI-49 protein	AF151807.1	3
1359	MIOA2038 ncrb7065 mioa9787	spindle pole body protein spc98 homologue GCP3	AF042378	3
1360	hfcr6734  BFCS0347n hfcr8016	chondroitin sulfate proteoglycan 4 (melanoma-associated) (CSPG4)	NM_001897.1	3
1361	miob3967 SEOA5942 hfcr3529	ankyrin G (ANK-3)	U13616.1	3
1362	SEOB1972	spectrin beta protein (pAZSP 3' end)	X91849.2	3

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 165 of 312

hfc8428				
MIOA4185				
1363 hfc5445	cold inducible RNA-binding protein (CIRBP)	NM_001280.1	3	
ncrc0696				
fcrb2628				
1364 FCR7453	lamin A	M13452	3	
hfc2666				
HFCR3201				
1365 miob1800	phosphatidylinositol glycan, class B (PIGB)	NM_004855.1	3	
ncrb6353				
ncrc9847				
1366 seob4945	interleukin 13 receptor alpha 1 (IL13RA1)	NM_001560.1	3	
seoa3877n				
MIOA1565n				
1367 seob5012	retinoic acid suppression protein A (RSG-A)	AF038964.1	3	
ncr9982				
hfc2959				
1368 ncr2176	CDC28 protein kinase 1 (RefSeq aa 4e-44)	NP_001817.1	3	
mioa7789a				
ncrc6059				
1369 miob4378	latent transforming growth factor beta binding protein 2 (LTBP2)	NM_000428.1	3	
ncrc0953				
hfc2873				
1370 hfc9125	fibroblast growth factor 7 (keratinocyte growth factor) (FGF7)	NM_002009.1	3	
hfc7617				
mioa2127m				
1371 MIOA0332	PDZ domain containing-protein (PDZK1)	AF012281	3	
ncrb8577				
ncr1352				
1372 ncrb7211	stanniocalcin 1 (STC1)	NM_003155.1	3	
ncrb7212				
ncrb8524				
1373 seob1039	fer-1 (C. elegans)-like 3 (FER1L3) (=AF182317 myoferlin (MYOF))	NM_013451.1	3	
fcrb2041				
ncrb3393				
1374 fcrb0988	chromobox homolog 1(Drosophila HP1 beta) (CBX1), mRNA	NM_006807.1	3	
hfc1931				
miob0898				
1375 MIOB2247	telomeric repeat binding factor (TRF1)	U40705.1	3	
fcrb1990				
ncrb1159				
1376 hfc6700	prefoldin 2 (PFDN2)	NM_012394.1	3	
ncrb2029				
seoa0442n				
1377 seoa7871a	15 kDa selenoprotein (SEP15), mRNA /cds=(4,492) /gb=Nm_004261 /gi=4759095 /ug=Hs.90606 /len=1244	Hs.90606	3	
mioa0509				

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seoa4940a			
1378 FCR2530	4F5rel	AF073298	3
FCR6804			
FCR6897			
1379 SEOA7115a	androgen induced protein (AIG-1) (=AF151861 CGI-103 protein)	AF153605.1	3
SEOA8714			
SEOA1076a			
1380 MIOA6102a	antigen NY-CO-1 (NY-CO-1)	AF039687.1	3
FCR0105			
SEOA0445			
1381 SEOA4158a	ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)CLN2) mRNA	NM_000391.2	3
ncr2337			
ncrc4188			
1382 MIOA9033	CG3450 gene product [Drosophila melanogaster](86% ORF)	AAF57398.1	3
miob0680			
SEOB1605			
1383 SEOA5785	ELK1 (ELK1)	AF080616	3
ncr4341			
fcrb1387			
1384 MIOA4318a	embryonic lung protein (HUEL)	AF006621.1	3
ncrb3510			
miob1338			
1385 MIOA6704a	ENDOPLASMIN PRECURSOR (94 KD GLUCOSE-REGULATED PROTEIN) (GRP94) (GP96 HOMOLOG) (TUMOR REJECTION ANTIGEN 1)	spP14625	3
MIOA8468			
seoa1357m			
1386 miob3004	gene hY3 encoding a cytoplasmic Ro RNA	V00585.1	3
MIOA3445a			
SEOA6193a			
1387 MIOA1976a	GS3955	D87119	3
FCR4758			
seoa7714a			
1388 seob6486	HBV pX associated protein-8 (LOC51773)	NM_016578.1	3
miob4918			
ncr6407			
1389 MIOB2691	HRIHFB2072 (=AF115778 M.musculus short coiled coil protein SCOCO (Scoc))	AB015335.1	3
ncr8993			
MIOA9146			
1390 MIOA2285a	HSPC004	AF070660	3
MIOA4003a			
SEOA1931			
1391 SEOA3164m	HSPC019	AF077205.1	3
MIOA2023			
seob7273			
1392 hfc6375	HSPC033 protein (HSPC033)	NM_014041.1	3
ncrb6697			
ncrc2049			

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1393	hfc93679 hfc9030 ncrc5876	HSPC037 protein (LOC51659)	NM_016095.1	3
1394	ncr4535 ncrc6062 ncrb8559	HSPC158 protein (RefSeq aa 3e-87)	NP_054899.1	3
1395	SEOA2889a miob0856 miob4576	HSPC161	AF161510	3
1396	hfc8475 seoa8032 ncrb8222	HSPC162 protein (HSPC162)	NM_014183.1	3
1397	SEOB1009 hfc0177 ncrc6040	HSPC218	AF151052.1	3
1398	SEOB2221 seob7902 seob5973	HSPC241	AF151075.1	3
1399	ncr0438 ncrb0069 ncrc5887	HSPC275	AF161393	3
1400	ncr3197 hfc8940 seob5469	HSPC337	AF161455.1	3
1401	ncr6344 ncrc3390 ncr4628	HTGN29 protein (HTGN29)	NM_020199.1	3
1402	MIOA4678 ncrc5614 SEOB1637	hyperion gene	AJ010770	3
1403	ncrc0423 ncrc1944 ncrc9193	hypothetical protein (RefSeq aa 5e-73)	NP_057016.1	3
1404	ncr0276 FCR3618 MIOA0320	iduronate sulphate sulphotase (IDS) gene	L35485.1	3
1405	SEOA7542a ncr0889 ncrb1871	KIAA0040	D25539	3
1406	FCR5490 MIOA1671a miob4374	KIAA0065 (ZNF33A Kruppel-related)	D31763	3
1407	FCR0593 fcrb0926 fcrb1898	KIAA0076	D38548	3
1408	FCR3034 MIOA4750 ncr4870	KIAA0081	D42039	3
1409	FCR6616 SEOA9840 miob3140	KIAA0090	D42044	3
1410	ncr3793	KIAA0099 protein, partial cds	D43951.1	3

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hfc2900				
SEOA8841				
1411 SEOB0857a	KIAA0104	D14660.1	3	
seob7035				
hfc7412				
1412 FCR6188	KIAA0121	D50911	3	
hfc2512				
fcrb2500				
1413 FCR1328	KIAA0128	D50918	3	
FCR1045				
FCR5975				
1414 SEOA1617a	KIAA0146	D63480	3	
FCR6437				
FCR1717				
1415 SEOB3105	KIAA0152 (cytotoxic T-cell membrane glycoprotein Ly-3 isolog)	NM_014730.1	3	
ncrb0826				
FCR5866				
1416 SEOA7383a	KIAA0170	D79992	3	
miob5463				
fcrb0023				
1417 ncrb0027	KIAA0182 gene	D80004.1	3	
ncrc3569				
ncrc6896				
1418 MIOA0891a	KIAA0188	D80010	3	
fcrb0881				
ncrb5284				
1419 MIOA8367	KIAA0205	D86960	3	
seoa7825a				
MIOA4803a				
1420 SEOA4056	KIAA0238	D87075	3	
MIOA8900				
miob3561				
1421 MIOA5231a	KIAA0255 gene	D87444	3	
CR0454				
FCR2957				
MIOA0217a				
1422 SEOA5503a	KIAA0261	D87450	3	
ncr4142				
seob4907				
1423 MIOA3486a	KIAA0262	D87451	3	
FCR5887				
FCR1912				
1424 seob6264	KIAA0310 protein	AB002308.2	3	
hfc2621				
seob7171				
1425 SEOA6648a	KIAA0379	AB002377	3	
MIOA3500a				
ncrc2195				
1426 seob4029	KIAA0419 gene product (KIAA0419)	NM_014711.1	3	
ncrb5616				
FCR4766				

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1427	seob7345 ncrc7081 SEOA1723a	KIAA0443 gene product	NM_014710.1	3
1428	SEOB1842 hfc9061 ncrb8398	KIAA0458	AB007927.1	3
1429	SEOA3670a hfc91939 seob4759	KIAA0461	AB007930	3
1430	miob5708 fcr0004 ncr0364	KIAA0484	AB007953.1	3
1431	SEOA6574a ncrc0419 ncrc1606	KIAA0537	AB011109	3
1432	ncrb3626 ncrb1067 ncrc2507	KIAA0642	AB014542	3
1433	SEOA1213A ncrc0105 ncrc7113	KIAA0666	AB014566	3
1434	SEOB2271 hfc5222 FCR5911	KIAA0692	AB014592.1	3
1435	SEOA9948 hfc3365 SEOA9948	KIAA0696 protein	AB014596	3
1436	MIOA2204a MIOB2750 SEOA5654a	KIAA0716	AB018259.1	3
1437	MIOA3467a seob4898 seob6772	KIAA0783	AB018326.1	3
1438	hfc6792 ncrb6169 miob1155	KIAA0851 gene	AJ297357.1	3
1439	ncr3237  ncrc3383 ncr9114	KIAA0929 protein Msx2 interacting nuclear target (MINT) homolog	NM_015001.1	3
1440	SEOA0549A SEOB3581 ncr2725	KIAA0936	AB023153.1	3
1441	SEOA2654 HFCR3262 seob4704	KIAA0958	AB023175.1	3
1442	SEOA0145 ncr1818 SEOB1533	KIAA0965	AB023182.1	3
1443	MIOB2804 fcrb0285 ncr4455	KIAA1162	AB032988.1	3

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 170 of 312**

1444	miob0304 hfc5538 hfc3759	KIAA1212 protein	AB033038.1	3
1445	miob3986 ncrc9463 ncr0441	KIAA1288	AB033114.1	3
1446	SEOA8472 ncrb1200 ncrb4554	KIAA1311	AB037732.1	3
1447	SEOB2938 ncr8695 ncrc0408	KIAA1439	AB037860.1	3
1448	ncrb2511 ncrb4678 ncrc1502	KIAA1581	AB046801	3
1449	ncrb8066 ncrc1899 ncrb7895	L1 repetitive element ORF (aa 1e-23,75%)	B28096	3
1450	ncr9956 ncrb8719 ncrc1722	MDS016 (MDS016)	AF182417.1	3
1451	miob6373 ncr3752 ncrc4741	MO25 protein (LOC51719) (=cDNA FLJ20797 fis)	NM_016289.1	3
1452	SEOA0288 MIOA3232a ncr1867	myeloid cell nuclear differentiation antigen	M81750	3
1453	MIOA1077 SEOA3132a SEOA6434	NDPP-1 protein	D10727.1	3
1454	SEOA0054  BFCW0275 SEOA6722	Nm23 protein, involved in developmental regulation (Drosophila Awd protein homologue)	X17620	3
1455	hfc4349  ncrb8112 HFCR3255	nuclear distribution gene C (A.nidulans) homolog (NUDC)	NM_006600.1	3
1456	MIOA5692 ncrc6330 ncrc2663	P13-kinase associated p85	M61906	3
1457	FCR1147 FCR3338 hfc4680	PEG3 (=AB006625 hypothetical protein (KIAA0287))	U90336	3
1458	SEOA6049a  FCR7648 MIOA8970	peroxisomal acyl-CoA: dihydroxyacetonephosphate acyltransferase (DHAPAT)	AF043937	3
1459	SEOB1153 SEOA8234 SEOA8935	PRO0657	AAF24054.1	3
1460	ncr2847	PRO2550	AF130089	3



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ncrc5595			
ncrc6347			
1461	SEOA2443a	PTD015	AF092136.1 3
	seob6686		
	ncrc9519		
1462	hfc3446	PTP1C/HCP gene	X82818.1 3
	fcrb1520		
	fcrb0035		
1463	SEOA9712	Rab geranylgeranyltransferase, beta subunit (RABGGTB)(ORF) = Y08201.1	NM_004582.1 3
	ncrc9495		
	ncrc2555		
1464	hfc9529	retinal pigment epithelium	L07393.1 3
	ncr5408		
	ncrc3993		
1465	ncr7792	retinol-binding protein 4, interstitial (RBP4)	NM_006744.2 3
	ncrb0587		
	ncrc0117		
1466	SEOA4611a	ribulose-5-phosphate-epimerase, (ORF)	AJ224326 3
	ncrb3307		
	ncr3780		
1467	miob3725	serologically defined colon cancer antigen 1 (SDCCAG1)	NM_004713.1 3
	ncr2793		
	seoa6983		
1468	SEOB0168	Sid3177	AB024935.1 3
	seob5690		
	miob3021		
1469	hfc1891	snuportin-1 (KPNBL)	NM_005701.1 3
	SEOA4743a		
	FCR2810		
1470	seoa7755a	SON DNA binding protein isoform E (SON) mRNA, complete cds, alternatively spliced /cds=(29,6355) /gb=AF380183 /gi=17046380 /ug=Hs.92909 /len=8438	Hs.92909 3
	mioa7825a		
	seoa6989		
1471	MIOA8773	split hand/foot deleted gene 1	NP_033195.1 3
	SEOA4155a		
	SEOA8598		
1472	miob0931	ST15	D50406.1 3
	miob1758		
	ncrb4291		
1473	miob6839	SUMO-1 activating enzyme subunit 2 (UBA2)	NM_005499.1 3
	miob6701		
	SEOA7278a		
1474	miob3811	suppressor of G2 allele	NM_006704.1 3
	seob5811		
	fcrb0916		
1475	MIOA1610a	TEB4 protein (=AB011169 KIAA0597)	AF009301 3
	SEOB0751		
	MIOA4869a		

ESTs = EMBL, GenBank, DDBJ

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 172 of 312**

1476 FCR5075 hfc9337 ncrc5923	thiosulfate sulfurtransferase (rhodanese) (TST)	X59434	3
1477 FCR2601 ncr9715 hfc4204	TL27 (from PC3 cell line)	X75684	3
1478 miob6632  MIOA9173 miob2990	translocated promoter region (to activated MET oncogene) (TPR)	NM_003292.1	3
1479 ncr1042 SEOA2802 SEOB0782a	WS-3	D84145.1	3
1480 fcrb0378 ncrc1693 hfc5774	WW domain binding protein-1 (ORF)	U79457.17	3
1481 SEOA7379a miob3836 miob4847	XIST	X56196	3
1482 ncr0663 ncrc5708 SEOB2780	annexin A11 (ANXA11 gene)	AJ278465.1	3
1483 MIOA4810a  ncr3203 miob1965	ATPase, Na /K transporting, beta 3 polypeptide (ATP1B3= sodium/potassium-transporting ATPase beta-3 subunit = U51478(ORF)	NM_001679.1	3
1484 seob4925 hfc7773 ncrc0611	channel-like integral membrane protein (AQP-1)	U41518.1	3
1485 MIOA0461 ncr0578 fcrb0300	citrin (SLC25A13)	AF118838.1	3
1486 SEOA2448a SEOA3617a SEOA5226a	X-linked phosphoglycerate kinase	M11968	3
1487 miob3618 miob2393 mioa9533	aldehyde dehydrogenase 6 (ALDH6)	NM_000693.1	3
1488 FCR3167 hfc2714 SEOA9363	aldehyde reductase	J04794	3
1489 MIOA3888a MIOB2627 ncr3181	dTDP-D-glucose 4, 6-dehydratase	AJ006068	3
1490 seob7662 SEOA4489 ncrb1491	platelet-type phosphofructokinase	D25328.1	3
1491 SEOA3322a SEOA3324a miob4108	MKP-1 like protein tyrosine phosphatase	AF038844	3
1492 SEOA2910a	Gem GTPase (gem)	U10550	3

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MIOA3756a SEOA6196a 1493 MIOA4241	hypoxanthine phosphoribosyltransferase (HPRT) gene, complete cds.	M26434	3
hfcf5129 miob2499 1494 SEOB3170	plasma cell membrane glycoprotein (PC-1)	M57736.1	3
MIOA5162a SEOA0191A 1495 SEOA1900n	pyrophosphatase	Z48605	3
SEOA2024a SEOA7145a 1496 SEOB0949	acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase)	gi5174388	3
SEOB3564 ncrb4951 1497 SEOA3408a	acyl-CoA synthetase 4 (ACS4)	AF030555	3
MIOB2701 SEOA3474a 1498 fcrb0131	acyl-Coenzyme A dehydrogenase, very long chain (ACADVL), nuclear gene encoding mitochondrial protein, mRNA	NM_000018.1	3
fcrb1715 ncrc4896 1499 miob5016	L3 pigment (L3)	AF189062.3	3
hfcf6712 ncrc3709 1500 SEOA5554a	leukotriene A-4 hydrolase	J02959	3
fcrb0425 seoa6975 1501 ncr2145	cytochrome b5 reductase 1 (B5R.1) (RefSeq aa 1e-31)	NP_057327.1	3
ncrb3813 ncrc0472 1502 SEOB0386	NADH-ubiquinone oxidoreductase MNLL subunit	AF050638.1	3
MIOA8031a seob5635 1503 HFCR2384	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 (UQCRCF1)	5174742	3
ncr7576 MIOA2704a 1504 SEOA9709	methylene tetrahydrofolate dehydrogenase (NAD dependent), methenyltetrahydrofolate cyclohydrolase (MTHFD2) = X16396.1	NM_006636.1	3
mioa1216m hfcf6843 1505 MIOA6969a	aspartyl glucosaminidase (AGA)	X55330	3
ncr4531 seob4045 1506 seob5053	leucine-rich repeat (LRR) protein (P37NB) 37 kDa	NM_005824.1	3
miob0724 seob7356			

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1507	MIOA1473 ncr6113 ncr8622	methionine synthase reductase (MTRR)	AF025794	3
1508	seob4645	osteoblast specific cysteine-rich protein, complete cds	AB008375	3
	MIOA3702a ncrc0793			
1509	hfc5207 ncrb3985 ncrb2274	pyrroline-5-carboxylate reductase 1 (PYCR1)	NM_006907.1	3
1510	hfc4444 ncrb0397 ncrc1227	S-adenosylmethionine decarboxylase 1 (AMD1)	NM_001634.3	3
1511	SEOA0464 FCR2049 seob4630	selenophosphate synthetase 2 (SPS2)	U43286	3
1512	seob4621 FCR4742 hfc2810	tryptophan rich basic protein (WRB) (ORF)	NM_004627.1	3
1513	MIOA8536	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) (GOT2), nuclear gene encoding mitochondrial protein	NM_002080.1	3
	SEOA5164a hfc1309			
1514	ncr7876	eukaryotic translation initiationfactor 4E (RefSeq aa 4e-86)	NP_001959.1	3
	ncrc5739 ncrc6815			
1515	FCR7550	GC20 protein (=AF077052 protein translation factor sui1 homologue)	AF064607	3
	SEOA6753 SEOA1346			
1516	seob3731 ncr9561 SEOA0790	p80 protein (=M23613.1 nucleophosmin)	D45915.1	3
1517	FCR0111 FCR2289 MIOA9046	translation initiation factor 3 47 kDa subunit	U94855	3
1518	HFCR3144	ribosome binding protein 1 (dog 180kD homolog) (RRBP1)	gi4759055	3
	hfc7381 FCR4031N			
1519	SEOA8759	stress-associated endoplasmic reticulum protein 1; ribosome associated membrane protein 4 (SERP1)	NM_014445.1	3
	SEOB1743 SEOA5234a			
1520	hfc3500	aminopeptidase puromycin sensitive (NPEPPS)= AJ132583.1 puromycin sensitive aminopeptidase (ORF)	NM_006310.1	3
	mioa1721a hfc9097			
1521	MIOA1380a	beta-migrating plasminogen activator inhibitor I	M14083	3

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SEOB3294			
seob5286			
1522 ncr0496	calpain, large polypeptide L2 (CAPN2) mRNA	NM_001748.1	3
seob5607			
ncrc0654			
1523 SEOA8374a	collagenase inhibitor	M59906	3
FCR2753			
hfc9508			
1524 seob6368	cysteine-rich heart protein (hCRHP)	U09770.1	3
fcrb1421			
fcrb0071			
1525 seob4928	cysteine-rich repeat-containing protein S52 precursor	AF167706.1	3
ncrc6644			
ncrb8230			
1526 hfc9413	matrix metalloprotease(ADAMTS1) mRNA, complete cds	AF207664.1	3
SEOA6661a			
ncr7672			
1527 hfc97769	nardilysin (N-arginine dibasic convertase) (NRD1)	NM_002525.1	3
SEOA4537			
hfc9509			
1528 miob1059	procollagen, type XI, alpha 1 (Col11a1)	NM_007729.1	3
hfc96981			
fcrb2427			
1529 miob6688	protease inhibitor 12 (neuroserpin) (PI12)	NM_005025.1	3
ncr1298			
MIOA5147a			
1530 seob2560	proteasome (prosome, macropain) subunit, alpha type, 5 (PSMA5)	NM_002790.1	3
SEOB0928			
SEOB1497			
1531 seob6572	proteasome (prosome, macropain) subunit, alpha type, 7 (PSMA7) mRNA, and translated products	NM_002792.1	3
ncr2670			
ncr4193			
1532 SEOA8300	PROTEASOME COMPONENT C9 (MACROPAIN SUBUNIT C9) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C9)	spP25789	3
SEOA8747			
SEOB1774			
1533 MIOA3857	proteasome subunit X (=X95586 MB1)	D29011	3
seob2611			
SEOA4121a			
1534 seob4992	proteinx0008 (AD013)	NM_013395.1	3
miob4145			
ncrc6722			
1535 ncr2892	sorting nexin 1 (SNX1)	NM_003099.1	3
hfc97665			
ncrb0547			
1536 seob5792	chaperonin containing TCP1, subunit 2 (beta) (CCT2)	NM_006431.1	3
ncr1704			
ncrb6324			

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1537	seob6189	farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)	NM_002004.1	3
	hfc9650			
	hfc9252			
1538	ncrb1833 SEOA7448a ncrc1703	huntingtin interacting protein 2 (HIP2)	NM_005339.1	3
1539	hfc9676	karyopherin alpha 2 (RAG cohort 1, importin alpha 1) (KPNA2)	NM_002266.1	3
	hfc97834			
	FCR3069			
1540	miob5829	nuclear localization signal deleted in velocardiofacial syndrome (NLVCF)	NM_003776.1	3
	miob0406			
	ncrb4889			
1541	MIOA3395a ncrb5912 ncrc0508	signal recognition particle (SRP), 19kD protein	X12791	3
1542	ncrb3980 fcrb1835 ncrb8586	TRAM-like protein (KIAA0057), mRNA	NM_012288.1	3
1543	MIOB2116	ubiquitin-activating enzyme E1C (homologous to yeast UBA3) (UBE1C)	gi4507764	3
	seob3673			
	ncrb6221			
1544	SEOA3263 seob6103 SEOA6860	AE-binding protein 1, AEBP1	D86479	3
1545	SEOB1423 ncrb2475 SEOA4873a	alternative splicing factor	M72709.1	3
1546	hfc95260 fcrb2201 FCR4877	amplified in osteosarcoma (OS-9)	NM_006812.1	3
1547	ncr8588 hfc94049 ncrb1987	bromodomain-containing 2 (BRD2)= KIAA9001	NM_005104.1	3
1548	seob6291 miob2487 ncrb2980	CCAAT-box-binding transcription factor (CBF2)	NM_005760.1	3
1549	SEOB2775 miob1393 ncrb6469	c-Cbl-interacting protein (CIN85)	AF230904.1	3
1550	ncr0176 SEOA0015 SEOA1108a	c-myc transcription factor (puf) = M36981(ORF)	L16785.1	3
1551	miob2974 SEOA2507 seoa6998	FUSE binding protein 3 (FBP3)	U69127.1	3

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1552	mioa9334	GA-binding protein transcription factor, beta subunit 1 (53kD) (GABPB1)	NM_016654.1	3
	ncr1381			
	SEOA1102a			
1553	SEOA2361a	helix-loop-helix basic phosphoprotein (G0S8)	L13391	3
	SEOB0974			
	SEOA4099a			
1554	SEOA0884	myocyte-specific enhancer factor 2A (MEF2A)	U49020	3
	BFCS0481			
	ncrc9468			
1555	SEOB1758	retinoblastoma-associated protein RAP140 (=KIAA1105)	AAD55098.1	3
	ncr4836			
	ncr2893			
1556	SEOA4332a	retinoblastoma-binding protein 4 (RBBP4) =X74262 RbAp48	NM_005610.1	3
	hfcr4612			
	ncrc3500			
1557	miob3953	ring finger protein 11 (RNF11)	NM_014372.1	3
	ncr2798			
	ncrc4472			
1558	seob4819	ring finger protein 14 (RNF14) (=HFB30)	NM_004290.1	3
	seob4917			
	SEOB3597			
1559	SEOA3101a	T-box transCRiption factor (Tbx15)	AF041822	3
	ncrc6589			
	FCR2913N			
1560	ncrb6699	thyroid hormone receptor interactor 11 (TRIP11) (=Golgi-associated microtubule-binding protein)	NM_004239.1	3
	SEOA0925			
	seob6054			
1561	SEOB0991	thyroid receptor interactor (TRIP3)	L40410.1	3
	hfcr9164			
	MIOA5915a			
1562	MIOA3688a	transCRiptional activation factor TAFII32 (=AF151895 CGI-137 protein)	U21858	3
	SEOA3843			
	seob4127			
1563	ncr4113	transducin (beta) like 2 (TBL2)	NM_012453.1	3
	hfcr9303			
	fcrb1767			
1564	SEOA8716	Y-linked zinc finger protein (ZFY) gene (=DKFZp434F2311)	AF114156.1	3
	hfcr0960			
	ncrc3630			
1565	SEOB0922	ZINC FINGER PROTEIN 135	spP52742	3
	HFCR3226			
	fcrb2206			
1566	seob5558	ZNF01 and HUMORFKG1B genes, partial sequence	AF205588.1	3
	miob4645			
	ncrc9716			
1567	SEOA8424	nCL1 gene	X85032.1	3

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miob5472				
MIOA5639a				
1568 seob4793	endoplasmic reticulum lumenal Ca2 binding protein grp78	AF216292.1	3	
hfc3784				
miob0158				
1569 MIOA2173a	hnRNP-E2 (poly(rC)-binding protein 2 (PCBP2))	X78136	3	
FCR2490				
FCR6292				
1570 mioa9328	leukophysin (LKP) = NM_001357.1 DEAD/H box polypeptide 9 (DDX9)	U03643.1	3	
SEOA2428a				
ncr1714				
1571 MIOA8346	polyadenylate binding protein(TIA-1)	M77142	3	
FCR2203				
ncrc2424				
1572 SEOA1100a	PR264	X75755	3	
ncrb3573				
ncrb6248				
1573 seob3892	seryl-tRNA synthetase (SARS)	NM_006513.1	3	
SEOB3224				
fcrb1040				
1574 seob5762	small nuclear ribonucleoprotein D1 polypeptide (16kD) (SNRPD1)	NM_006938.1	3	
MIOA7265a				
MIOA6942a				
1575 hfc6993	small nuclear ribonucleoprotein polypeptide F (SNRPF)	NM_003095.1	3	
hfc9272				
ncrc5568				
1576 SEOB3415	splicing factor 3b, subunit 1, 155kD (SF3B1)	NM_012433.1	3	
ncr9313				
ncrc3338				
1577 hfc2850	splicing factor, arginine/serine-rich 9 (SFRS9)	NM_003769.1	3	
hfc3920				
hfc7012				
1578 hfc9014	breast cancer-associated gene 1 protein (BCG1)	AF126181.1	3	
FCR7559				
fcrb2241				
1579 FCR4128	cartilage-associated protein (CASP)	AJ006470	3	
FCR5831				
FCR5366				
1580 ncr7973	DC2 (DC2)	AF201937.1	3	
ncrb8380				
ncrc3145				
1581 SEOA0848	T-cell gamma receptor locus	AF159056.1	3	
ncrb2087				
ncrb2188				
1582 seob6492	28 kDa heat shock protein	Z23090.1	3	
hfc6798				
seoa1568m				
1583 miob1134	ALEX1 protein (LOC51309)	NM_016608.1	3	



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seoa7833a			
miob1442			
1584	SEOA4174a	LIM and senescent cell antigen-like domains 1 (LIMS1) =U09284, PINCH protein	NM_004987.1 3
ncrc0461			
SEOA2429a			
1585	hfc1127	coatamer protein complex, subunit alpha (COPA), mRNA	NM_004371.2 3
FCR2442			
ncrc1129			
1586	hfc0691	endoglin (Osler-Rendu-Weber syndrome 1) (ENG)	NM_000118.1 3
hfc1675			
hfc4341			
1587	MIOB2668	tetraspanin TM4-A	AF133423.1 3
hfc6918			
ncr9191			
1588	MIOA1735	ERCC5 excision repair protein	L20046 3
MIOA2161a			
MIOA4922a			
1589	miob5840	MHC class II lymphocyte antigen beta-chain (HLA-DPB1)	M28202.1 3
seob5447			
SEOA3472a			
1590	miob5437	thioredoxin-like (TXNL2)	gi5730103 3
ncrc9237			
mioa7880			
1591	SEOB0685a	Apg12	BAA36493.1 3
SEOB1495			
ncr5226			
1592	hfc7341	calponin 3, acidic (CNN3)	NM_001839.1 3
SEOA8883			
ncr2874			
1593	ncr3673	capping protein (actin filament) muscle Z-line, alpha 1 (CAPZA1), (=capping protein alpha subunit isoform 1)	NM_006135.1 3
ncr9659			
miob3116			
1594	hfc4007	CGI-101 protein (LOC51009)	NM_016041.1 3
fcrb1450			
hfc9907			
1595	MIOA8739	CGI-114 protein (=DKFZp566E144)	AF151872.1 3
SEOA3006a			
seob4780			
1596	SEOA2823	CGI-123 protein	AF151881.1 3
MIOA3493a			
SEOA6291			
1597	SEOB1273	CGI-129 protein	AF151887.1 3
miob3173			
hfc6067			
1598	SEOA3544a	CGI-142 protein	AF151900.1 3
ncrc5775			
SEOA3588a			
1599	ncrc3233	CGI-151 protein (RefSeq aa 6e-51)	NP_057165.1 3

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ncrc1607			
SEOA5310a			
1600 SEOA5685a	CGI-24 protein	AF132958.1	3
MIOA1130			
SEOB1070			
1601 SEOA7546a	CGI-29 protein	AF132963.1	3
seob6031			
ncrb1874			
1602 seob4735	CGI-86 protein (LOC51635)	NM_016029.1	3
miob0668			
ncr7132			
1603 MIOA6833a	cytoplasmic dynein intermediate chain 1	AF123074	3
MIOA8088			
ncr5291			
1604 miob4957	FRA3B common fragile region, diadenosine triphosphate hydrolase (FHIT)	AF020503.1	3
ncrb5183			
MIOA5605a			
1605 SEOB1793	LIC-2 dynein light intermediate chain 53/55	U15138.1	3
fcrb1435			
mioa9263			
1606 HFCR3209	sorcin (SRI)	L12387.1	3
fcrb2677			
ncr7697			
1607 MIOA6556a	collagen type IV alpha 1(COL4A1)	M26576	3
FCR3833			
MIOB1583			
1608 ncr9502	fibrinogen-like 2 precursor;fibroleukin (RefSeq aa 2e-74)	NP_006673.1	3
ncrb5084			
ncrc3020			
1609 hfcr2963	glypican 1 (GPC1)	NM_002081.1	3
hfcr7574			
hfcr7971			
1610 SEOA8945	glypican 4 (GPC4)	NM_001448.1	3
ncr6704			
ncr8468			
1611 hfcr6129	laminin, beta 2 (laminin S)(LAMB2) mRNA	NM_002292.1	3
ncrc3934			
ncrc1661			
1612 MIOA7482a	sarcospan (Sspn)	AF120276.1	3
ncr2391			
ncrb2422			
1613 miob6625	AHNAK nucleoprotein	M80902.1	3
ncrb5035			
MIOA7037a			
1614 FCR0793N	capping protein (actin filament), gelsolin-like (CAPG)	M94345	3
ncr7869			
FCR0431			
1615 seob7578	crystallin, zeta (quinone reductase) (CRYZ)	NM_001889.1	3
SEOA8825			
hfcr0576			

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1616	MIOA7218a ncr0591 MIOA5718	dystrophin (DMD)	M18533	3
1617	hfcr0476  mioa0567a hfcr0475	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) (KRT10)mRNA =( acidic keratin-10 )=( keratin 10 type I intermediate filament )	NM_000421.1	3
1618	MIOA7361a  SEOA3664a FCR2669	protein 4.1-G, erythrocyte membrane protein (clone 24719)	AF054999	3
1619	SEOB2966 ncrc2128 seob5844	myosin phosphatase target subunit 1 (MYPT1)	D87930.1	3
1620	hfcr1304 fcrb2687 hfcr8261	non-muscle alpha-actinin	U48734.1	3
1621	MIOA6721a ncrc6732 hfcr4162	nonmuscle myosin heavy chain (NMHC)	M31013	3
1622	SEOA2786 MIOA8718 ncrb6071	tropomodulin (TMOD)	M77016	3
1623	SEOA6238 MIOA3390a SEOA9771	nuclear pore complex protein hnup153	Z25535	3
1624	SEOA6510a ncrc6457 miob6595	TIP120 (=AB020636 KIAA0829)	D87671	3
1625	hfcr0543 hfcr3760 fcrb0040	angiotensin receptor-like 2 (AGTRL2), mRNA	NM_005162.2	3
1626	SEOB0745 FCR0882 SEOB1812	B4-2 protein	U03105.1	3
1627	seoa4922a  ncrc0984 ncrc6756	diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein) (DBI), mRNA /cds=(0,314) /gb=NM_020548 /gi=10140852 /ug=Hs.78888 /len=537	Hs.78888	3
1628	seob7209 FCR1486 ncrc6497	glucocorticoid receptor (GRL) gene	U80947.1	3
1629	hfcr9362 ncrc6257 ncrc0778	glutamate dehydrogenase 1 (GLUD1)	NM_005271.1	3
1630	hfcr2803 hfcr2938 FCR0706	HindIII K4L ORF (HU-K4)	NM_012268.1	3
1631	FCR4604	inositol 1,4,5-triphosphate receptor, type 3 (ITPR3)	U01062	3

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ncrc4012			
FCR7029			
1632 MIOA5131a	insulin receptor substrate-2 (IRS2)	AF073310	3
ncr5183			
ncr1653			
1633 ncrb8064	interleukin 11 receptor, alpha (IL11RA)	NM_004512.1	3
fcrb2031			
fcrb2075			
1634 fcrb0972	leptin receptor gene-related protein (HSOBRGRP)	NM_017526.1	3
ncr7638			
ncrc3008			
1635 SEOB0815	multiple membrane spanning receptor TRC8 (TRC8)	AF064801.1	3
ncr1172			
SEOB3004			
1636 MIOA2616a	orphan G protein-coupled receptor (RDC1)	U67784	3
ncrb1603			
SEOA9912			
1637 seob7533	regulator of G-protein signalling 2, 24kD (RGS2)	NM_002923.1	3
ncr7023			
seob6515			
1638 nrcr5317	regulator of G-protein signalling 5 (RGS5)	AF159570.1	3
ncrc3408			
MIOA6502a			
1639 SEOB0321	retinoic acid repressible protein (RARG-1)	AF172066.1	3
seob5012			
ncr9982			
1640 seob4068	SGRF	AB030001.1	3
hfcr6648			
hfcr7052			
1641 nrcr0288	transforming growth factor, beta receptor III (betaglycan, 300kD) (TGFB3), mRNA	NM_003243.1	3
ncrc2784			
ncrc9160			
1642 ncr7904	14-3-3 gamma	AB024334.1	3
ncrb2918			
ncrc7168			
1643 MIOA7169a	cAMP-dependent protein kinase subunit RII-beta	M31158	3
MIOA7206a			
SEOA6076a			
1644 seob4192	CDC-like kinase (CLK)	NM_004071.1	3
hfcr7519			
ncrc4991			
1645 SEOB2185	mitogen-activated protein kinase 14 (MAPK14)	4503068	3
ncrc6818			
MIOA8542			
1646 miob0175	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A)	NM_002734.1	3
mioa7804a			
seoa7838a			
1647 hfcr3834	Ser/Arg-related nuclear matrix protein (plenty of prolines 101-like) (SRM160)(ORF)	NM_005839.1	3
ncrb3267			

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ncr5407			
1648 ncr4212	serum-inducible kinase (SNK)	AF223574.1	3
FCR2253			
ncrc6276			
1649 MIOA5540a	tyrosylprotein sulfotransferase-1(TPST1)	AF038009	3
ncrc4532			
hfc9293			
1650 MIOA0152	GTPase-activating protein ras p21 (RASA)	M23379	3
hfc3695			
ncrb5637			
1651 MIOA3060a	rab11a GTPase	AF000231	3
miob6707			
SEOA3662a			
1652 seob2308	rab3 GTPase-activating protein, non-catalytic subunit (150kD) (RAB3-GAP150)(ORF)	NM_012414.1	3
MIOA7283			
MIOA3092a			
1653 miob6401	ralA binding protein 1 (RALBP1)	NM_006788.1	3
ncrc4318			
seob6454			
1654 SEOA4586	ras-related YPT1 protein (ORF)	P11476	3
MIOA2203a			
SEOA4373a			
1655 MIOB2645	signal transduction protein (SH3 containing) (EFS2)	gi5031680	3
ncrb2221			
ncr8639			
1656 miob5892	CC chemokine gene cluster	AF088219.1	3
hfc1712			
ncr4933			
1657 hfc8385	EGR1 gene for early growth response protein 1 (=zinc finger protein)(= transcription factor ETR103)	AJ243425.1	3
ncrb4170			
hfc9947			
1658 MIOA4632a	growth differentiation factor 10 (GDF10) =D49492 = bone morphogenetic protein-3b	NM_004962.1	3
mioa0557a			
miob0675			
1659 ncrb3903	quiescin Q6 (QSCN6)(= bone-derived growth factor (BPGF-1))	NM_002826.1	3
fcrb1657			
ncrc6280			
1660 MIOA8796	SDF2	D50645	3
FCR0639			
MIOB2105			
1661 SEOB1213	seCRetory growth factor-like protein fallotein	AF091434.1	3
seob4844			
seob4338			
1662 seob3751	uncharacterized bone marrow protein BM036 (BM036),(ORF)	NM_018453.1	3
ncrc5385			
ncrb0788			

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1663	ncr1494	WNT1 inducible signaling pathway protein 3 (RefSeq aa 5e-38)	NP_003871.1	3
	ncrb1217			
	ncrb3121			
1664	hfc8864	ADP-ribosylation factor-like 2 (ARL2)	NM_001667.1	3
	hfc7510			
	FCR4026			
1665	seob4095	ARP2 (actin-related protein 2, yeast) homolog (ACTR2)	NM_005722.1	3
	hfc7541			
	ncrb6807			
1666	SEOA0840	beta-catenin	X87838	3
	hfc2643			
	FCR2504			
1667	SEOB1238	Ca2-activated neutral protease large subunit (CANP)	M23254.1	3
	MIOA2093			
	MIOA2301a			
1668	ncrb7027	calcium/calmodulin-dependent serine protein kinase (MAGUK family) (CASK)	NM_003688.1	3
	MIOA5357a			
	MIOA5595a			
1669	seob6000	hHDC for homolog of Drosophila headcase (LOC51696)	NM_016217.1	3
	ncrb5295			
	seob7394			
1670	miob3693	MAX-interacting protein 1 (MXI1)	NM_005962.1	3
	ncrb4515			
	ncrc0296			
1671	SEOA7893a	Opa-interacting protein OIP2	AF025438	3
	MIOA8196			
	SEOA8402a			
1672	MIOA5608a	Sprouty 2 (SPRY2)	AF039843	3
	ncr9763			
	ncr9039			
1673	seoa7808a	POM121 membrane glycoprotein (rat homolog)-like 2 (POM121L2), mRNA /cds=UNKNOWN /gb=NM_033482 /gi=15718529 /ug=Hs.8198 /len=154066	Hs.8198	3
	seoa4956a			
	seoa4985a			
1674	miob3705	voltage-dependent anion channel 2 (VDAC2), nuclear gene encoding mitochondrial protein	NM_003375.1	3
	ncrb0230			
	mioa7783a			
1675	ncr2591	alpha-parvin (PARVA)	AF237771.1	3
	ncrb1534			
	ncrc1274			
1676	miob1350	claudin-12 gene (CLDN12)	AJ250713.1	3
	ncr3314			
	ncrb2448			
1677	SEOB1449	C-type lectin	BAA95671.1	3
	ncrc6787			

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MIOA6484a			
1678 SEOA4386a	integrin, alpha subunit 1(ORF)	X68742	3
ncr3071			
ncr7644			
1679 FCR2598	integrin-linked kinase (ILK)	U40282	3
hfc6466			
hfc9993			
1680 hfc6509	podocalyxin-like (PODXL)	NM_005397.1	3
MIOB2107			
miob4716			
1681 MIOA0497n	syntaxin 7	U77942	3
MIOA8036a			
ncrc6827			
1682 SEOB0047	DNA dependent ATPase and helicase (ATRX)	U72938.2	3
ncr4693			
ncr3596			
1683 FCR3181	histone H1 (0)	X03473	3
FCR6945			
hfc9927			
1684 SEOA2847n	histone H2A.Z= M37583	X52317	3
MIOA1249			
MIOA6228a			
1685 FCR5958	histone H2B	AJ223352	3
fcrb1941			
fcrb1960			
1686 SEOA8670	non-histone chromosomal protein HMG-14	M21339.1	3
CR0718			
miob5080			
1687 SEOA9140	cdk inhibitor p21 binding protein (TOK-1),(ORF)= AB040450.1	NM_016567.1	3
ncrc3816			
hfc6041			
1688 ncrb5737	cyclin L ania-6a (RefSeq aa 1e-66)	NP_064703.1	3
ncrc4316			
ncrb2757			
1689 FCR2417	GTP-binding protein (HSR1)	L25665	3
FCR5127			
FCR6703			
1690 SEOA1169A	GTP-binding protein(=KIAA0741)	AJ006412	3
SEOB2937			
ncr5440			
1691 SEOA9539	caspase 4, apoptosis-related cysteine protease (CASP4) (ORF)	NM_001225.1	3
ncrb1295			
ncr5992			
1692 MIOA6659a	inhibitor of apoptosis protein 2	U45879	3
SEOA1352			
MIOA2160a			
1693 ncr4208	polymerase (RNA) II (DNA directed) polypeptide K (7.0kD) (POLR2K)	NM_005034.1	3
ncr2058			
ncr6110			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 186 of 312**

1694	SEOB0085	inhibin, beta A (activin A, activin AB alpha polypeptide) (INHBA)	NM_002192.1	3
	SEOB1298			
	seob5123			
1695	SEOA4587	NCK adaptor protein 1(NCK1)=X17576 melanoma mRNA for nck protein, showing homology to src (ORF)	NM_006153.1	3
	miob1334			
	ncr8026			
1696	HFCR3154	tumor suppressing subtransferable candidate 4 (TSSC4)	5032204	3
	hfc0342			
	HFCR3142			
1697	miob4668	ASCL3; CEGP1; C11orf14, C11orf15, C11orf16 and C11orf17	AJ400877.1	3
	fcr6124n			
	hfc0610			
1698	ncrb2916	brain cDNA, clone:QnpA-18828	AB049881.1	3
	ncr1455			
	ncrc2135			
1699	ncrb6936	brain-specific STE20-like protein kinase 3 (STK3)	AF083420.1	3
	fcrb1926			
	ncrc4302			
1700	SEOA6698a	DD6A4-1	AF034237	3
	SEOA7089a			
	SOA0134			
1701	MIOA4827a	expressed only in placental villi, clone SMAP47	AB019564	3
	mioa9515			
	MIOA4941a			
1702	fcrb2430	hypothetical gene supported by M29548; X03558; X16869; BC010735; BC014224; BC014377; BC014892; BC015777; NM_001402; NM_001403 (LOC138328), mRNA	XM_059967.1	3
	fcrb2379			
	miob6011			
1703	ncrc2133	hypothetical protein (RefSeq aa 4e-65)	NP_055701.1	3
	ncr5924			
	ncrc4645			
1704	SEOA1483n	KIAA0160	D63881	3
	ncrb2466			
	hfc0687			
1705	SEOA7251a	KIAA0594	AB011166	3
	miob4679			
	miob4950			
1706	ncrc5804	KIAA1128 protein, partial cds	AB032954.1	3
	ncrc9582			
	seob0992			
1707	SEOA1750a	PCTAIRE2	AB005540	3
	seob5110			
	SOA0209			
1708	mioa9246	PRO0989	AF116614	3
	hfc7792			



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ncrc2484			
1709 ncr0742	PRO2221 (RefSeq aa 1e-34)	NP_061094.1	3
miob2526			
ncrb8760			
1710 seoa8092	putative breast adenocarcinoma marker (32kD) (BC-2), mRNA /cds=(129,797) /gb=NM_014453 /gi=7656921 /ug=Hs.12107 /len=903	Hs.12107	3
ncrb1899			
seoa8091			
1711 MIOA8716	transposon-like element	M23161	3
hfcr2906			
ncrc1952			
1712 hfcr2731	WSB1 isoform 2 (WSB1)	AF240696.1	3
seob5048			
ncrc1665			
1713 MIOA8183	ATP cassette binding transporter 1 (ABC1)	AF165281.1	3
ncrb1891			
ncrc3219			
1714 FCR1068	beta-1,4-galactosyltransferase (=D38551 hypothetical protien (KIAA0078))	D37790	3
FCR5778			
seob2327			
1715 hfcr7438	UDP-N-acetyl-alpha-D-galactosamine:polypeptide	NM_004481.1	3
SEOB1783			
mioa9741			
1716 MIOA0647	long-chain acyl-CoA synthetase	D10040	3
miob0441			
MIOA6552a			
1717 ncrb3498	cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB), (= X-CGD gene involved in chronic granulomatous disease located on chromosome X)	NM_000397.2	3
MIOA4572a			
ncrc6974			
1718 SEOA7334a	eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD)	gi4503512	3
fcrb1837			
hfcr6866			
1719 hfcr7553	Sec31 protein	AF139184.1	3
ncrc0455			
ncrc3072			
1720 SEOA2996a	DNA-binding protein (CROC-1B)	U39361	3
BFCW0493			
seob8293			
1721 seoa4896a	ring finger protein 13 (RNF13), mRNA /cds=(151,1296) /gb=NM_007282 /gi=6005863 /ug=Hs.6900 /len=2339	Hs.6900	3
mioa9820			
miob6796			
1722 seob8246	SPR-2 mRNA for GT box binding protein	X68560.1	3
SEOA8728			
SEOA2874			

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1723	ncr4337 ncrc6589 ncrb8712	T-box 15 (Tbx15)	NM_009323.1	3
1724	hfc5045 SEOA9755 SEOA9781	zinc finger protein 207 (ZNF207)	NM_003457.1	3
1725	ncrb5537 ncrb5865 ncrc9619	alpha-2-macroglobulin precursor (RefSeq aa 1e-56)	NP_000005.1	3
1726	ncr9639 ncrc5162 ncr1475	transmembrane 4 superfamily member 6 (TM4SF6)	NM_003270.1	3
1727	FCR3615 seob4570 MIOA8946	cargo selection protein TIP47 (TIP47)(=PP17)	AF057140	3
1728	FCR2442 ncrc1129 hfc1127	coatamer protein (COPA)	U24105	3
1729	SEOA6612a miob4096 ncrb7369	CGI-43 protein	AF151801.1	3
1730	hfc0618 hfc7643 miob0776	novel RGD-containing protein (WS-3)	NM_006571.1	3
1731	hfc9881 fcr3676n fcrb1101	CDC42-binding protein kinase beta (DMPK-like)	XM_040911.1	3
1732	SEOA9082  hfc5205 ncrc1171	Rab5 GDP/GTP exchange factor homologue (RABEX5)	NM_014504.1	3
1733	FCR2107  BFCW0140 fcrb1257	heparin-binding neurite outgrowth promoting factor (genomic sequence)	S60110	3
1734	FCR3276 CR0740 FCR5880	parathymosin	M24398	3
1735	seob5962  SOA0608 SOA0604	calcium-binding protein in macrophages (MRP-8) macrophage migration inhibitory factor (MIF)-related protein(S100 calcium-binding protein A8 (calgranulin A))(= cystic fibrosis antigen (CFAg))	X06234.1	3
1736	ncrc1231 ncrc5518 ncr6302	membrane nucleoside transporter (RefSeq aa 8e-89)	NP_055528.1	3
1737	ncrb1584  ncr7530 ncrc1633	pinin, desmosome associated protein(RefSeq aa 7e-34)	NP_002678.1	3

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1738	ncrc5369	high-mobility group (nonhistone chromosomal) protein 14 (HMG14)	NM_004965.1	3
	hfc2966			
	ncrc2171			
1739	fcrb0171	RCC1 gene, exons 1, 2, 3,4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, complete cds= P18754  CELL CYCLE REGULATORY PROTEIN	D00591.1	3
	SEOA5448			
	BFCW0332			
1740	hfc1378	XPB/ERCC-3-like protein	Y17148.1	3
	hfc3808			
	hfc0467			
1741	SEOA2874	GT box binding protein (SPR-2)	X68560	3
	SEOA8728			
	seob8246			
1742	ncr1765	ribosomal 45S pre rRNA gene	X82564.1	3
	ncrc5255			
	ncrb7610			
1743	hfc3922	flap structure-specific endonuclease 1 (FEN1), mRNA	NM_004111.3	3
	hfc5591			
	hfc3922			
1744	ncrc2745	postmeiotic segregation increased (S. cerevisiae) 2 (RefSeq aa 1e-67)	NP_000526.1	3
	ncrb4798			
	ncrc2745			
1745	fcrb0194	eukaryotic translation elongation factor 1 alpha 1-like 14 (EEF1A1L14)	NM_001403.1	2
	fcrb0386			
1746	SEOA4081	ribosomal 28S RNA	M11167	2
	ncr5632			
1747	ncr4522	zinc-finger, splicing (RefSeq aa 4e-74)	NP_005446.1	2
	ncr5376			
1748	seob6670	DNA repair helicase (ERCC3)	M31899.1	2
	MIOA8728			
1749	hfc4462	minichromosome maintenance deficient (S. cerevisiae) 3 (MCM3)	NM_002388.2	2
	FCR0915			
1750	miob6124	NRF1 protein (NRF1)= non-functional folate binding protein	L24123.1	2
	ncrb1109			
1751	SEOB2807	RNA binding motif, single stranded interacting protein 1 (RBMS1)	gi8400721	2
	ncr6703			
1752	ncr8709	beta-netrin	AF278532	2
	ncrb6592			
1753	SEOA7553a	kinesin (heavy chain)	X65873	2
	ncr7801			
1754	ncr6881	bamacan (RefSeq aa 1e-76)	NP_005436.1	2
	ncrb1740			
1755	hfc5232	cartilage oligomeric matrix protein (COMP)	NM_000095.1	2
	hfc7454			
1756	FCR7199	collagen type X alpha 1(COL10A1)	X72580	2

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miob6336			
1757 hfc0074	chemokine-like factor 1 (CKLF1)	AF096895.1	2
hfc0170			
1758 miob3411	ecotropic viral integration site 2A (EVI2A)	NM_014210.1	2
ncrb4460			
1759 miob6226	apoptosis inhibitor (IEX-1L) gene	AF071596.1	2
hfc2815			
1760 FCR1976	fructose 1,6-diphosphate aldolase A (=X05236;M11560;X12447)	M21190	2
MIOA7258a			
1761 SEOA6470a	UDP-GalNAc:polypeptide N- acetylgalactosaminyltransferase (T1)	X85018	2
miob4741			
1762 FCR4570	NADH:ubiquinone oxidoreductase B15 subunit (mitochondrial)	AF044957	2
SEOA7072a			
1763 miob5713	aspartate beta-hydroxylase (ASPH)	NM_004318.1	2
FCR2135			
1764 SEOA2209a	fragile X mental retardation protein 1 homologue FXR1	U25165	2
SEOA2858			
1765 miob6521	protein disulfide isomerase related protein (ERp72) (clone pA3)	J05016.1	2
FCR5687			
1766 seob4035	ubiquitin specific protease 16 (USP16)	NM_006447.1	2
ncrb7048			
1767 miob1827	retinoblastoma-like 2 (p130)(RBL2)	NM_005611.1	2
ncr5151			
1768 ncr4474	U6 snRNA-associated Sm-like protein 2e-32	NP_036454.1	2
ncr5061			
1769 SEOA0010	autoantigen	L05425	2
FCR7051			
1770 hfc1856	microtubule-associated protein 4 (MAP4)	NM_002375.1	2
CR0044			
1771 miob7009	RBP1-like protein (LOC51742)	NM_016374.1	2
ncr0690			
1772 ncr4194	glioma pathogenesis-related protein (GliPR)	U16307.1	2
SEOA9423			
1773 SEOB0221	SMT3 (suppressor of mif two 3, yeast) homolog 1 (SMT3H1)	NM_006936.1	2
miob5747			
1774 miob3955	surface glycoprotein	Z50022.1	2
ncrb6903			
1775 SEOB3517	tetratricopeptide repeat domain 1 (TTC1)	NM_003314.1	2
ncrc2641			
1776 hfc9287	ATPase, vacuolar, 14 kD (ATP6S14)	NM_004231.1	2
hfc7989			
1777 seob8301	solute carrier family 20 (phosphate transporter), member 1 (SLC20A1) (=L20859.1 leukemia virus receptor 1)	7382462	2
miob6354			
1778 MIOA6093a	glycogen phosphorylase	Y15233	2
SEOA0482			

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1779 MIOA3793	ribonuclease L (2',5'-oligoadenylate synthetase-dependent) inhibitor (RNASELI)	4506558	2
SEOA1044a			
1780 FCR6299	cytochrome c oxidase subunit VII-related protein (COX7RP)	AB007618	2
SEOA0729a			
1781 MIOA5813a	lymphocyte dihydropyrimidine dehydrogenase (DPYD)	U20938	2
SEOA8927			
1782 ncrb1337	eukaryotic translation initiation factor 3, subunit 7 (zeta, 66/67kD)	NM_003753.1	2
hfc3509			
1783 hfc1904	chaperonin containing TCP1, subunit 7 (eta) (CCT7)	NM_006429.1	2
hfc1098			
1784 SEOB3090	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) (UCHL3)	NM_006002.1	2
miob0263			
1785 SEOB2657	ubiquitination factor E4A (homologous to yeast UFD2) (UBE4A)	4759287	2
hfc7704			
1786 miob3700	Vacuolar protein sorting 26 (yeast homolog) (VPS26)	NM_004896.1	2
miob3413			
1787 MIOA4818a	cAMP responsive element binding protein-like 2 (CREBL2)	NM_001310.1	2
MIOA0190			
1788 SEOA7099a	erg protein (ets-related gene)	M21535	2
FCR2127			
1789 hfc0300	Id3 gene for HLH type transcription factor	X73428.1	2
ncr2123			
1790 hfc3413	Kruppel-like factor (LOC51713)	NM_016270.1	2
hfc6286			
1791 seob3367	THYROID HORMONE-INDUCED PROTEIN B PRECURSOR (aa 9e-21, 59%)	Q91641	2
ncrc5021			
1792 MIOA5212a	zinc finger transCRiptional regulator (GOS24)	M92844	2
FCR6546			
1793 ncr5341	splicing factor, arginine/serine-rich 3 (RefSeq aa 5e-32)	NP_003008.1	2
ncr8615			
1794 seob8073	chromodomain helicase DNA	NM_001271.1	2
hfc1886			
1795 hfc8821	keratocan (KERA), (=keratocan gene, promoter)( keratan sulfate proteoglycan )	NM_007035.2	2
hfc4014			
1796 hfc9342	beta tropomyosin (TPM2) gene	AF209746.1	2
hfc9728			
1797 hfc9822	muscle mRNA for embryonic myosin heavy chain (SMHCE)	X15696.1	2
hfc7948			
1798 SEOA9997	nuclear receptor coactivator (=TRBP)	AF245115	2
MIOA4295a			
1799 hfc3398	protein tyrosine kinase 9 (PTK9)	NM_002822.1	2

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seob5981				
1800	SEOA7555a MIOA7093a	serine kinase SRPK2	U88666	2
1801	miob3131	bone morphogenetic protein 6 (BMP6)(= transforming growth factor-beta(tgf-beta) )	NM_001718.2	2
	ncr9964			
1802	SEOA5106a SEOA4443a	cell adhesion molecule (CD44)	M59040	2
1803	SEOA3839	C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 2 (activation-induced) (CLECSF2) (=E17140; X96719)	4826676	2
	ncr9092			
1804	FCR2821 hfcr3039	cyclin-dependent kinase 4 (CDK4)	U37022	2
1805	ncr9113	WEE1 gene for protein kinase and partial ZNF143 gene for zinc finger transcription factor	AJ277546.1	2
	ncrb7006			
1806	ncr2807 ncrc4772	programmed cell death 4 (RefSeq aa 7e-54)	NP_055271.1	2
1807	SEOA1770a FCR6285	130 kD Golgi-localized phosphoprotein (GPP130)	U55853	2
1808	miob0960 ncrb0150	ALL-1 gene	Z69780.1	2
1809	mioa9304 FCR4952	deleted in pancreatic carcinoma (DPC4) gene, exon 3	AF045440.1	2
1810	miob1939 ncr1754	E-1 enzyme (MASA)	AF113125.1	2
1811	SEOA4675a	FSHD-associated repeat DNA, proximal region=(AK001145) unnamed protein product (ORF)	U85056	2
	FCR1919			
1812	miob2881 hfcr0394	GalNAc-T2 gene	Y10344.1	2
1813	hfcr0400 SEOA5665a	glycolipid transfer protein (LOC51228)	NM_016433.1	2
1814	hfcr2836 seoa7879a	golgi autoantigen, golgin subfamily a, 3 (GOLGA3)	NM_005895.1	2
1815	ncr6232 SEOB1770	KIAA0068 gene	D38549.1	2
1816	miob3927 ncrc9225	KIAA0423	AB007883.1	2
1817	FCR3278 miob6061	KIAA0738	AB018281	2
1818	hfcr5383 miob3797	leukemogenic homolog protein (MEIS1)	U85707.1	2
1819	ncr4180	nuclear autoantigenic sperm protein (histone-binding) (NASP)	NM_002482.1	2
	hfcr0424			
1820	MIOB0336	p21WAF1/CIP1 promoter-interacting protein (=KIAA0547)	AF265443.1	2
	FCR5560			
1821	SEOA5746a hfcr2656	tetracycline transporter-like protein	D88315	2

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1822	ncr2486	lung type-I cell membrane-associated glycoprotein (RefSeq aa 2e-47)	NP_006465.1	2
	ncrc9462			
1823	SEOA4289a MIOA8965	acyl-coenzyme A:cholesterol acyltransferase (ORF)	L21934.2	2
1824	FCR7656 MIOA8657	casein kinase II alpha subunit	M55268	2
1825	ncr3782	protein tyrosine phosphatase type IVA, member 1 (PTP4A1)	NM_003463.1	2
	seoa7973			
1826	miob4126	protein tyrosine phosphatase, non-receptor type 12 (PTPN12)	NM_002835.1	2
	miob5731			
1827	miob6702	protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) (PTPN13)	NM_006264.1	2
	ncr0140			
1828	miob5770 mioa9210	5'-3' exoribonuclease 2 (XRN2)	NM_012255.1	2
1829	ncrb1670	APEX nuclease (multifunctional DNA repair enzyme) (RefSeq aa 4e-74)	NP_001632.1	2
	hfc2526			
1830	fcrb0743	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase (CAD)	NM_004341.1	2
	fcrb1339			
1831	hfc7977	phosphoribosyl pyrophosphate synthetase-associated protein 1 (PRPSAP1)	NM_002766.1	2
	ncrb4849			
1832	MIOA3103a MIOA3255a	aldehyde dehydrogenase (ALD10), miCRosomal	U46689	2
1833	hfc4176	low density lipoprotein-related protein 1 (alpha-2- macroglobulin receptor) (LRP1)	NM_002332.1	2
	ncrb4057			
1834	MIOA1848a	NADP dependent cytoplasmic malic enzyme (=U43944)	X77244	2
	SEOA7219a			
1835	SEOB3156 hfc3476	hyaluronan-binding protein precursor (HABP1)	AF275902.1	2
1836	miob6797	leucine rich repeat (in FLII) interacting protein 1 (LRRFIP1) (=GCF2)	NM_004735.1	2
	seob5570			
1837	miob3360 hfc9600	serine-rich protein	AF246705.1	2
1838	SEOA7086a	EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 10 (EIF-3 THETA) (EIF3 P167) (EIF3 P180) (EIF3 P185) (KIAA0139)	spQ14152	2
	ncr4929			
1839	FCR7208 FCR0333	translation initiation factor eIF-3 p110 subunit	U46025	2
1840	SEOA2345a MIOA2986a	metalloprotease/disintegrin/cysteine-rich protein precursor (MDC9) (=D14665 KIAA0021)	U41766	2

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1841 seob5144	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1)	NM_006263.1	2
SEOB1350			
1842 SEOA5253a	weak similarity to Arabidopsis thaliana ubiquitin-like protein 8 (77% ORF)	U88173	2
SEOA8223			
1843 MIOA1662a	cullin 3 (CUL3) (=AB014517 KIAA0617)	gi4503164	2
hfc1771			
1844 seob7896	cyclophilin 40	D63861.1	2
SEOA1009n			
1845 hfc9249	cellular retinoic acid-binding protein 2 (CRABP2)	NM_001878.2	2
FCR0599			
1846 FCR5721	DNA binding protein NAK1	D49728	2
BFCW0542n			
1847 miob4385	host cell factor 2 (HCF-2)	NM_013320.1	2
seob4297			
1848 miob3798	LIM protein (similar to rat protein kinase C-binding enigma) (LIM)	NM_006457.1	2
ncrb3171			
1849 SEOA0158	von Hippel-Lindau binding protein (VBP-1)	U96759	2
ncr1257			
1850 miob3348	heterogeneous nuclear ribonucleoprotein F (HNRPF)	NM_004966.1	2
ncrc2490			
1851 HFCR3197	poly(A)-binding protein, nuclear 1 (PABPN1)	gi4758875	2
ncrb2288			
1852 hfc9032	Sjogren syndrome antigen A1 (SSA1)	NM_003141.1	2
miob1342			
1853 seob7613	core-binding factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D-related (CBFA2T1)	NM_004349.1	2
ncrc9488			
1854 SEOA1362a	membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125) (M17S2) (=X76952 IAI.3B; D30756 KIAA0049)	gi5174504	2
ncr8524			
1855 MIOA7088a	X-ray repair complementing defective repair in Chinese hamster cells 4 (XRCC4) (=U40622)	gi4507944	2
SEOA6203a			
1856 miob4975	factor I (C3b/C4b inactivator)	J02770.1	2
miob6272			
1857 SEOB3370	MHC class II HLA-DR-beta	M20430.1	2
SEOA3192			
1858 hfc1743	CGI-45 protein (LOC51094)	NM_015999.1	2
fcrb1813			
1859 ncr3325	golgi matrix protein GM130 (GOLGA2) (non-exact 78% a.a.) %FL	AAF65550.1	2
ncrb7460			
1860 ncr9096	EGF-like repeats and discoidin I-likedomains 3 (RefSeq aa 2e-55)	NP_005702.1	2
ncrc3465			
1861 FCR0536	fibrillin-2	U03272	2
HFCR3251			
1862 seob5493	fibulin 5 (FBLN5)	NM_006329.1	2



Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 195 of 312

ncrb0611			
1863 hfc2979	microfibrillar-associated protein 1 (MFAP1)	NM_005926.1	2
ncr1104			
1864 ncr3052	actin-binding LIM protein (ABLM)	NM_006719.2	2
ncrc4669			
1865 hfc9445	thyroid autoantigen 70kD (Ku antigen) (G22P1)	NM_001469.1	2
hfc0428			
1866 SEOA7178a	vinculin	M33308	2
SEOB3155			
1867 SEOA5239a	cardiac myosin binding protein-C (ORF)	X84075	2
MIOA4106			
1868 SEOB3462	tropomyosin 4 (TPM4)	Y00169.1	2
hfc2715			
1869 hfc6841	troponin T3, skeletal fast (TNNT3)	NM_006757.1	2
hfc7396			
1870 hfc2536	lamin B receptor (LBR)	NM_002296.1	2
ncrb4988			
1871 seob4987	surfeit 1 (SURF1)	NM_003172.1	2
ncr7098			
1872 SEOA5455	unc-50 related protein homologue	AF077038.1	2
miob4351			
1873 MIOA1906a	100 kDa coactivator	U22055	2
miob4490			
1874 ncr6401	diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor)(DTR)	NM_001945.1	2
ncrc6846			
1875 SEOA8609	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (FCER1G)	gi4758343	2
ncrb1563			
1876 FCR7045	fibroblast growth factor receptor (FGFR-4)	X57205	2
hfc7360			
1877 ncr2015	G protein-coupled receptor 23 (GPR23)	NM_005296.1	2
ncrc1236			
1878 seob4676	stromal cell protein isoform	AF126024	2
hfc0344			
1879 miob3763	mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4)	NM_004834.1	2
miob6081			
1880 ncr4683	protein kinase, cGMP-dependent, type I (PRKG1)	NM_006258.1	2
MIOA8228			
1881 ncrb6337	serine/threonine protein kinase MASK (LOC51765)	NM_016542.1	2
ncrb8443			
1882 hfc3690	guanine nucleotide binding protein 10 (GNG10)	NM_004125.1	2
ncr2251			
1883 SEOB0879a	angiopoietin-related protein	AF153606.1	2
seob5223			
1884 hfc2846	macrophage migration inhibitory factor (glycosylation-inhibiting factor)(MIF)	NM_002415.1	2
FCR1351			
1885 SEOA9343	uncharacterized hypothalamus protein HTMP (LOC55858)(ORF)	NM_018475.1	2
hfc7790			

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 196 of 312

1886 FCR7418 ncr1460	histone H2A.F/Z variant (H2AV)	AF081192	2
1887 SEOA0823 FCR1081	C-1	U41816	2
1888 SEOB0046 seob7294	cyclin-D binding Myb-like protein	AF084530.1	2
1889 hfcr4489 SEOB0263	GTP-binding protein G25K	AL121737.1	2
1890 miob4213  hfcr9949	reverse transcriptase homolog - human retrotransposon L1	pir l38588	2
1891 SEOA2734 SEOB3221	ATP binding protein	AB006679	2
1892 miob6486 miob5426	BCL2 gene, exon 3 and breakpoint region	AF217803.1	2
1893 hfcr5691 hfcr3551	PRP4/STK/WD splicing factor (HPRP4P)	NM_004697.1	2
1894 miob6351 hfcr1713	tumor protein D52-like 1 (TPD52L1)	NM_003287.1	2
1895 FCR1388N hfcr2948	7-60 (gene)	AF112980	2
1896 MIOA6471a SEOA4811a	activated in tumor suppression	AJ012502.1	2
1897 fcrb2100 ncrc4196	adipose differentiation-related protein (ADFP)	XM_048266.2	2
1898 seob6279 hfcr0901	ALL1-fused gene from chromosome 1q (AF1Q)	NM_006818.1	2
1899 SEOB1860 SEOA6687a	AML1 AML1c protein (alternatively spliced product)	D43969.1	2
1900 miob4956 MIOA2977a	antigen NY-CO-10 (NY-CO-10)	AF039692.1	2
1901 ncrb2754 ncrb8537	BABP gene for bile acid-binding protein [AKR 1C2]	AB032151.1	2
1902 mioa9429 ncrc9473	beige-like protein (BGL)	M83822.1	2
1903 SEOA4457a  fcrb0140	BRCA2 region= ARP2/3 protein complex subunit 34 (ARC34)(ORF)	U50523	2
1904 SEOA0772n SEOA1782a	Brush-1=tumor suppressor (=AB020707 KIAA0900)	S69790	2
1905 seob5214 FCR6088	BTK region clone 2f10-rpi	U01925.1	2
1906 hfcr6265  fcrb2255	candidate tumor suppressor p33 ING1 homolog (LOC51147)	NM_016162.1	2
1907 SEOA9161  SEOA9365	CG14483 gene product (35% ORF) [Drosophila melanogaster]	AE003802	2
1908 SEOB1678 ncr2243	chitinase, di-N-acetyl- (CTBS)	NM_004388.1	2
1909 ncrc1945	COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 5 (RefSeq aa 8e-74)	NP_006828.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 197 of 312**

seob6224			
1910 FCR4725	COP9 homolog (HCOP9)	U51205	2
FCR6629			
1911 seob7944	cytokine inducible SH2-containing protein 3 (Cish3)	gi6671757	2
SEOA9636			
1912 SEOA1067a	cytokine-inducible SH2 protein 6 (CISH6) (=AB014571 KIAA0671)	AF073958.1	2
MIOA0409a			
1913 MIOA7347a	DAPIT protein	AJ271158	2
SEOA9513			
1914 MIOA1603a	Dim1p homolog (hdim1 )	AF023611	2
fcrb2234			
1915 MIOA6188a	DMA, DMB, HLA-Z1, IPP2, LMP2, TAP1, LMP7, TAP2, DOB, DQB2 and RING8	X87344	2
ncr9000			
1916 SEOB1196	Dmx-like 1 (DMXL1)	NM_005509.1	2
hfc1221			
1917 ncr5397	down-regulated in metastasis (DRIM)	NM_014503.1	2
MIOA0933			
1918 seob5592	downregulated in ovarian cancer 1 (DOC1)	NM_014890.1	2
hfc5791			
1919 miob6904	enhancer of invasion 10 (HEI10) (=DKFZp564A0772)	AF216381.1	2
ncr9647			
1920 seob6560	EXLM1	AB006651.1	2
FCR1653			
1921 MIOA7170a	FLI-LRR associated protein-1	AF045573	2
FCR2782			
1922 SEOA1901	fvt1	X63657	2
SEOB0247			
1923 MIOA2330a	GA17 protein (dendritic cell protein)	AF064603	2
FCR3115N			
1924 ncrb3107	GL004 protein (RefSeq aa 2e-34)	NP_064579.1	2
hfc1908			
1925 SEOA8754	glioma tumor suppressor candidate region protein 2	AAF62873.1	2
hfc7716			
1926 ncrb3077	guanylate binding protein 1, interferon-inducible, 67kD (RefSeq aa 4e-56)	NP_002044.1	2
ncrc0538			
1927 seob7614	HDCMA18P protein (HDCMA18P)	NM_016648.1	2
SEOB0210			
1928 ncr3397	HDCMC29P	AF068295.1	2
hfc9657			
1929 miob4822	hDj9 (=AL032657) (65% aa)	AB028859	2
ncrb6802			
1930 seob6415	HepG2 3' region Mbol cDNA, clone hmd3c06m3	D17196.1	2
miob6582			
1931 ncr3843	HP protein (HP)	AF026219.1	2
miob1954			
1932 SEOB1754	HSPC007 protein	NP_054737.1	2
ncrb8459			
1933 fcrb1120	HSPC023 protein (HSPC023), D2217	NM_014047.1	2
fcrb1918			

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1934	hfc9837 miob0537	HSPC043 protein mRNA, (=HSPC291)	AF161411.2	2
1935	miob2492 ncrb3330	HSPC085	AF161348.1	2
1936	miob3199 ncrc5413	HSPC095	AF161358.1	2
1937	ncr3528  mioa2522a	HSPC115 mRNA,(= adenosine 5'-diphosphosugar pyrophosphatase (NUDT5))(= nudix (nucleoside diphosphate linked moiety X)-type motif 5 (NUDT5))	AF161464.1	2
1938	SEOA4163a fcrb1698	HSPC132 (ORF)	AF161481	2
1939	seob6386 ncr9297	HSPC133 protein (HSPC133) (=cDNA FLJ10459 fis)	NM_014168.1	2
1940	ncrb0145 ncrb7315	HSPC134 protein (HSPC134)	NM_014169.1	2
1941	hfc91779 ncrc1053	HSPC229	AF151063.1	2
1942	SEOA4802a SEOB1549	HSPC250 (ORF)	AF151084	2
1943	SEOB0065 ncrb1836	HSPC292	AAF28970.1	2
1944	ncrc0922 ncrb8183	HSPC302	AF161420.1	2
1945	ncrb7329  ncrc9674	HT005 protein (=ariadne (Drosophila) homolog 2 (ARIH2))(= TRIAD1 type I)	AF183427.1	2
1946	ncrb3348 ncrb2289	HT014 (HT014)	AF221595.1	2
1947	MIOA1301m BFCS0315n	HYA22	D88153	2
1948	ncr2695 miob6144	hypothalamus protein HT007 (RefSeq aa 2e-64)	NP_060950.1	2
1949	fcrb1492 fcrb1373	hypothetical gene (LOC115009)	XM_055020.1	2
1950	SEOB0688a hfc91330	intergenic DNA between SURF-2 and SURF-4	Y17214	2
1951	miob1967 mioa5679n	IRLB gene (exon5)	X82334.1	2
1952	FCR1844 hfc98628	ITBA1 protein	X92475	2
1953	fcrb1158 FCR7256	JM4 protein (JM4)	NM_007213.1	2
1954	MIOA7140a SEOB0106	KIAA0006	D25304	2
1955	SEOB1335 seob5089	KIAA0009	D13634.1	2
1956	MIOA1585 hfc93548	KIAA0010	D13635	2
1957	FCR6847 hfc93575	KIAA0017	D13642	2

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1958	ncrc4597	KIAA0025 gene product; MMS-inducible gene (KIAA0025)	NM_014685.1	2
	ncrc2025			
1959	FCR6700	KIAA0036	D25278	2
	hfc0862			
1960	hfc1395	KIAA0039 (ORF)	D26018.1	2
	hfc6778			
1961	MIOA3380a	KIAA0041	D26069	2
	SEOB1589			
1962	SEOB3149	KIAA0049	D30756.1	2
	seob7753			
1963	miob3427	KIAA0058	NM_014764.1	2
	ncrc5813			
1964	SEOB0915	KIAA0066	D31886.1	2
	ncrb8403			
1965	miob6878	KIAA0072 gene	D31889.1	2
	BFCS0484			
1966	MIOA1006	KIAA0073 (cyclophilin related)	D38552	2
	ncr4779			
1967	ncr7249	KIAA0093	D42055.1	2
	ncr2212			
1968	miob3420	KIAA0095 gene	NM_014669.1	2
	SEOA8890			
1969	hfc3962	KIAA0105	NM_004906.1	2
	hfc2042			
1970	SEOA7509a	KIAA0112	D25218	2
	ncrb1859			
1971	FCR4722	KIAA0117	D38491	2
	ncr4515			
1972	miob4413	KIAA0155 gene	NM_014633.1	2
	fcr4888			
1973	ncrb0696	KIAA0156 gene product (KIAA0156)	NM_014706.1	2
	ncrb4398			
1974	SEOA8370a	KIAA0161	D79983	2
	SEOA2747			
1975	SEOA1582a	KIAA0178	D80000	2
	seob4356			
1976	FCR4634	KIAA0180	D80002	2
	hfc0207			
1977	miob5940	KIAA0183 gene	D80005.1	2
	MIOA7280			
1978	seob4254	septin 2 (SEP2)	AF179995.1	2
	FCR5975			
1979	SEOA4070	KIAA0203	D86958	2
	seob5582			
1980	FCR2116	KIAA0217	D86971	2
	hfc9280			
1981	ncrb6796	KIAA0225 gene	D86978.1	2
	ncr7906			
1982	SEOA2499	KIAA0227	D86980	2
	mioa9936			
1983	ncrb0200	KIAA0228 gene	D86981.1	2

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ncrc2692			
1984 hfc0486	KIAA0233	NM_014745.1	2
hfc5829			
1985 FCR5228	KIAA0253	D87442	2
hfc9294			
1986 FCR0609	KIAA0254	D87443	2
SEOA8578			
1987 ncrb2909	KIAA0258 gene	NM_014785.1	2
ncrc3514			
1988 mioa9649	KIAA0266 gene, (ORF)	D87455	2
ncrb3629			
1989 fcrb0673	KIAA0324	AB002322.2	2
ncrb1593			
1990 SEOA7943a	KIAA0353	AB002351	2
ncrc8835			
1991 MIOA1890a	KIAA0368	AB002366	2
hfc2727			
1992 fcrb0301	KIAA0370 gene	AB002368.1	2
seob7096			
1993 FCR7623	KIAA0447	AB007916	2
ncrc6905			
1994 SEOB1775	KIAA0451	NM_014826.1	2
ncrc3108			
1995 FCR4240	KIAA0456	AB007925	2
FCR4246			
1996 seob6268	KIAA0466 protein	AB007935.1	2
hfc8498			
1997 FCR7063	KIAA0470	AB007939	2
ncr7647			
1998 ncr2583	KIAA0471 gene product (KIAA0471)	NM_014857.1	2
ncrb1548			
1999 SEOB3594	KIAA0475	NM_014864.1	2
ncr6765			
2000 MIOA6034	KIAA0480	AB007949	2
miob5779			
2001 hfc7629	KIAA0488	AB007957.1	2
ncr7091			
2002 SEOA9924	KIAA0491	AB007960	2
SEOB0235			
2003 FCR4794	KIAA0553	AB011125	2
hfc7345			
2004 ncr5768	KIAA0564 protein	AB011136.1	2
ncrc3119			
2005 SEOA3566a	KIAA0611	AB014511	2
ncr7086			
2006 fcrb2592	KIAA0618 gene product (KIAA0618), mRNA	XM_018359.3	2
ncrc6715			
2007 FCR2307	KIAA0638	AB014538	2
HFCR3177			
2008 MIOA6442a	KIAA0639	AB014539	2
hfc6655			
2009 FCR6142	KIAA0648	AB014548	2

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MIOA1299			
2010 ncrb5837	KIAA0689	AB014589.1	2
ncrb8622			
2011 ncrb3003	KIAA0697 protein	AB014597.1	2
ncrc9232			
2012 ncr4190	KIAA0701 protein	AB014601.1	2
ncr3936			
2013 SEOA4867a	KIAA0727 (ORF)	AB018270	2
ncr6276			
2014 SEOB3331	KIAA0745	AB018288.1	2
ncrb3557			
2015 miob6164	KIAA0761 protein	AB018304.1	2
seob4641			
2016 SEOA7672a	KIAA0762	AB018305.1	2
ncrb1543			
2017 SEOB0219	KIAA0765	AB018308.1	2
FCR5650			
2018 hfcr2946	KIAA0770	AB018313.1	2
ncrb6815			
2019 hfcr6256	KIAA0772 gene	NM_014835.1	2
ncrc4032			
2020 ncrb5065	KIAA0776 protein	AB018319.1	2
ncrc4315			
2021 SEOB3317	KIAA0824 (=PCF11p homolog)	AB020631.1	2
ncrc4074			
2022 MIOA8064a	KIAA0830	AB020637.1	2
miob0174			
2023 SEOA0982n	KIAA0843	AB020650.1	2
ncr2564			
2024 ncr0920	KIAA0847 protein	AB020654.1	2
ncrc1309			
2025 MIOA4245	KIAA0862=leucine-rich repeat protein SHOC-2 (SHOC-2)=AF054828	AB020669	2
seob2662			
2026 MIOA6404a	KIAA0903(ORF)	AB020710	2
miob0072			
2027 SEOB1385	KIAA0907	AB020714.1	2
miob4770			
2028 hfcr8640	KIAA0909 protein	BAA74932.1	2
mioa4372a			
2029 ncr1640	KIAA0911 protein (KIAA0911),	NM_014944.1	2
ncrb1181			
2030 seob6835	KIAA0914 gene product	NM_014883.1	2
ncrc9212			
2031 SEOB3203	KIAA0934 protein	AB023151.1	2
miob2496			
2032 SEOA1190A	KIAA0947	AB023164.1	2
hfcr2284			
2033 FCR7381	KIAA0952	AB023169.1	2
FCR6064			
2034 miob6483	KIAA0955 protein (KIAA0955)	NM_014959.1	2
ncrb4537			

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2035	SEOA4422a ncr8273	KIAA0978	AB023195	2
2036	miob3314 seoa4397a	KIAA0997	NM_014950.1	2
2037	SEOA5392 SEOA5270a	KIAA1014	AB023231.1	2
2038	SEOA2041 MIOA4713	KIAA1033	AB028956.1	2
2039	MIOA2340a ncr6842	KIAA1063	AB028986.1	2
2040	SEOA3181 hfcr8542	KIAA1064	AB028987.1	2
2041	hfcr6894 fcrb2176	KIAA1131	AB032957.1	2
2042	seob6109 hfcr0015	KIAA1137	AB032963.1	2
2043	hfcr8982 ncrc1573	KIAA1190	AB033016.1	2
2044	SEOB3510 SEOA9487	KIAA1223	AB033049.1	2
2045	miob0341 ncrb7959	KIAA1249 protein	AB033075.1	2
2046	ncr1437 ncrb0915	KIAA1287	AB033113	2
2047	hfcr5228 hfcr7449	KIAA1310	AB037731.1	2
2048	miob3038 miob1876	KIAA1338 protein	AB037759.1	2
2049	miob6182 miob2428	KIAA1350 protein	AB037771.1	2
2050	ncr2869 ncrc5341	KIAA1381	AB037802	2
2051	hfcr1811 ncrc4327	KIAA1404	AB037825.1	2
2052	seob7247 miob5660	KIAA1423	AB037844.1	2
2053	ncr4020 seob7046	KIAA1424 protein	AB037845.1	2
2054	SEOB2786 SEOB1871	KIAA1458	AB040891.1	2
2055	hfcr3486 ncr8295	KIAA1507(=FLJ20654)	AB040940.1	2
2056	seob3940 hfcr5570	KIAA1518	AB040951	2
2057	hfcr2657 hfcr4084	KIAA1519	AB040952.1	2
2058	ncr2013 ncrc0388	KIAA1536	AB040969.1	2
2059	ncrb7156 ncrc5100	KIAA1577	AB046797.1	2
2060	ncr0976 ncr1053	KIAA1610	AB046830.1	2



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 203 of 312**

2061	ncrc0473 ncrc5645	KIAA1633 protein	BAB13459.1	2
2062	ncrc9022 ncrc9376	L13 protein (RefSeq aa 8e-78)	NP_054797.1	2
2063	MIOA0081a SEOA9211	La/SS-B protein	X69804	2
2064	seob5889 ncr9844	like mouse brain protein E46(E46L)	NM_013236.1	2
2065	SEOA2652 SEOA4515	lipoma HMGIC fusion partner (LHFP)	AF098807.1	2
2066	FCR4773  seob4577	LQFBS-1 (=AB011087 hypothetical protein (KIAA0515))	AF062385	2
2067	SEOA6557a SEOA0730a	male sterility protein 2-like protein	AJ272073	2
2068	seob7474 hfc6212	maternal G10 transcript (G10)	NM_003910.1	2
2069	SEOA3556a MIOA6290a	maternal-embryonic 3 (Mem3)	U47024	2
2070	hfc3757 ncrc0436	MCT-1 protein (MCT-1)	NM_014060.1	2
2071	ncr9664 ncrc9751	MDS011 (MDS011)	AF182424.1	2
2072	fcrb2189 fcrb2117	MEF3L1 MEF3 like 1	AB049150.1	2
2073	fcrb2040 ncrc0320	melanoma antigen, family D 1 (MAGED1)	NM_006986.2	2
2074	miob4057  FCR1857	meningioma (disrupted in balanced translocation) 1 (MN1)	NM_002430.1	2
2075	ncr3219 hfc5234	microspherule protein 1 (MCRS1)	NM_006337.1	2
2076	FCR6931 ncr9439	neuroblastoma-amplified protein	AF056195	2
2077	seob6032  ncrb6040	Neurofibromatosis 1 locus on Chromosome 17 complete sequence	AC004526.1	2
2078	hfc1217 ncrc5492	NICE-5 protein (=AF116721) PRO3094	AJ243666	2
2079	HFCR3207  fcrb1795	non-metastatic cells 1, protein (NM23A) expressed in (NME1)	4557796	2
2080	ncr3976  hfc5813	non-ocogenic Rho GTPase-specific GTP exchange factor (proto-LBC)	AF127481.1	2
2081	SEOB0156 ncrb4128	NY-REN-55 antigen (=DKFZp564L2416)	AF155113.1	2
2082	miob3594 ncr5585	p45SKP2-like protein (=FLR1)	AF157323.1	2
2083	MIOA7233a  ncr9101	p47 (=Y10769 R.norvegicus XY40 protein) (low match)	AF078856	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 204 of 312**

2084	ncrb2091	partial polr2H gene for RPB8, exons 1-5, and joined CDS (=RPB17)	AJ252079.1	2
	ncrb2215			
2085	SEOA1924n	PB1	X90849	2
	miob4697			
2086	MIOA0813	PBK1 protein	AJ007398.1	2
	FCR4432			
2087	FCR4846	period (Drosophila) homolog (PER) (RIGUI) (=AB002107)	AF022991	2
	seoa6787			
2088	MIOA9127	phosphoserine phosphatase-like (PSPHL)	NM_003832.1	2
	hfc6222			
2089	SEOA1611a	PIBF1 protein	Y09631	2
	SEOA2842			
2090	MIOA4751	PIX1 mRNA (ORF)	AF037219	2
	ncrb1416			
2091	hfc9635	PRO2160	AF119863.1	2
	hfc5896			
2092	ncrc1615	PRO2275	AF119873.1	2
	ncrb8090			
2093	hfc7721	PRO2898	AF116717.1	2
	hfc5206			
2094	miob3271	PTD008 protein(=CGI-140 protein)	NM_016145.1	2
	ncrb3104			
2095	miob1746	PTD009 protein (PTD009) (=HSPC172)	NM_016146.1	2
	ncr7778			
2096	ncr9487	PTD016 protein (LOC51136)	NM_016125.1	2
	ncrb6686			
2097	ncrc4882	PTPRF interacting protein, bindingprotein 1 (liprin beta 1) (RefSeq aa 2e-35)	NP_003613.1	2
	fcrb1653			
2098	ncrc2643	putative Rab5-interacting protein(RefSeq aa 6e-34)	NP_061328.1	2
	ncrb6174			
2099	fcrb2756	RD RNA-binding protein(RDBP), mRNA	NM_002904.3	2
	ncrc3132			
2100	FCR6947	retinal short-chain dehydrogenase/reductase retSDR1	AF061741	2
	MIOA4355a			
2101	seob3841	retrovirus-related leucine zipper protein p40 - human retrotransposon L1.1	I38587	2
	ncrc9445			
2102	SEOA1886n	RETROVIRUS-RELATED POL POLYPROTEIN	spP11369	2
	ncr5833			
2103	miob4333	REV1 protein (REV1)	NM_016316.1	2
	ncrc6375			
2104	seoa8002	reversion-inducing-cysteine-rich protein with kazal motifs (RECK), mRNA /cds=(92,3007) /gb=NM_021111 /gi=11863155 /ug=Hs.29640 /len=4414	Hs.29640	2
	fcrb2049			
2105	SEOB3262	rrlB operon	AF053965.1	2
	SEOB3270			
2106	SEOB0298	SCID complementing gene 2	D78188.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 205 of 312**

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MIOA2006			
2107 mioa9357 FCR0797	SEC14 ( <i>S. cerevisiae</i> )-like 1 (SEC14L1), mRNA	NM_003003.1	2
2108 MIOA4753 miob5073	SEC63 protein	AJ011779.1	2
2109 MIOA6121a  FCR6581	single-strand selective monofunctional uracil DNA glycosylase	AF125182	2
2110 FCR6074	small glutamine-rich tetratricopeptide repeat (TPR) containing protein	AJ223828	2
hfc9130			
2111 miob0075 MIOA5508a	SP100-HMG nuclear autoantigen (SP100)	AF056322.1	2
2112 seob6853 hfc7295	sperm autoantigenic protein 17 (SPA17)	NM_017425.1	2
2113 mioa1108m	sperm specific antigen 2 (SSFA2=M61199=cleavage signal 1 protein mRNA, (ORF)	NM_006751.1	2
ncrc5549			
2114 ncrc1032 ncrc2957	splice variant AKAP350	AF091711.1	2
2115 SEOB0166 FCR1099	stabilin-1 (stab1 gene) (=KIAA0246)	AJ275213.1	2
2116 hfc1083 hfc9041	SULT1C sulfotransferase (SULT1C)	NM_006588.1	2
2117 SEOB3455	TCTEL1 (t-complex-associated-testis-expressed 1-like 1)	D50663.1	2
miob5422			
2118 ncr6578 fcrb1992	testis specific protein	AF146738.1	2
2119 ncr5384 ncrb1213	TMEM1and PWP2	AB001523.1	2
2120 MIOA0874a FCR4650	torsin B (DQ1)	AF007872	2
2121 SEOA7341a SEOA4181a	WD-40 repeat protein	AB024327.1	2
2122 SEOB2974 ncr1595	wild-type p53 activated fragment-1 (WAF1)	U03106.1	2
2123 hfc6720 ncrc9502	WRN (WRN)	AF181897.1	2
2124 SEOA2181a fcrb1362	WW domain binding protein 11	AF071186	2
2125 MIOA6156a MIOA6730a	WW domain binding protein 5	U92454	2
2126 SEOA2800	XRP2 protein (retinitis pigmentosa 2 (X-linked recessive) (RP2))	AJ007590	2
SEOA8542			
2127 hfc9468 fcrb2224	annexin A6 (ANXA6)	NM_004033.1	2
2128 MIOA5054a ncr1276	annexin VII (synexin)(ANX7)	NM_001156.2	2
2129 SEOA0070	ATP-specific succinyl-CoA synthetase beta subunit (SCS)	AF058953	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 206 of 312**

SEOA1134a			
2130 FCR6324	sodium calcium exchanger 1 (NCX1)	U83657	2
ncr5273			
2131 seoa7046	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 (SLC11A2), mRNA /cds=(88,1773) /gb=NM_000617 /gi=10835168 /ug=Hs.57435 /len=4103	Hs.57435	2
ncrc3011			
2132 ncrb1085	solute carrier family 31 (copper transporters), member 2 (SLC31A2), (=putative copper uptake protein(hCTR2))	NM_001860.1	2
mioa7719a			
2133 hfc2616	6-phosphogluconolactonase (PGLS)	NM_012088.1	2
hfc1046			
2134 SEOA4608a	aldehyde oxidase gene=AOX1)	Z99567	2
ncrc3684			
2135 miob4735	alpha mannosidase II	U31520.1	2
FCR4216			
2136 hfc2629	hexokinase 2 (HK2)	NM_000189.1	2
hfc4186			
2137 MIOA6541a	Na -D-glucose cotransport regulator gene	X82877	2
MIOA8151			
2138 FCR1883N	oligosaccharyl transferase STT3 subunit homolog (B5) (integral membrane protein 1)	L38961	2
FCR3594			
2139 hfc5397	paraoxonase 2 (PON2)	NM_000305.1	2
ncr5053			
2140 hfc1689	phosphomannomutase	U86070.1	2
hfc1291			
2141 ncr4384	proteolipid protein 2 (colonic epithelium-enriched) (PLP2)	NM_002668.1	2
ncrc9432			
2142 ncr5621	RGL protein (RGL)	AF186779.1	2
ncrb6332			
2143 SEOB1783	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7) (GALNAC-T7))	gi8393408	2
mioa9741			
2144 seob6872	protein phosphatase methylesterase-1 (PME-1)	NM_016147.1	2
hfc7632			
2145 SEOA5468a	protein tyrosine phosphatase, receptor type, F (PTPRF) =Y00815	NM_002840.1	2
ncr8232			
2146 seob4696	protein x 0004 (ORF)	AF117229	2
ncr0989			
2147 hfc1768	protein x 013	AF164793.1	2
hfc2915			
2148 hfc3496	TPI1 gene for triosephosphate isomerase	X69723.1	2
ncrb2857			
2149 MIOB2593	adenosine deaminase, RNA-specific (ADAR), transCRipt variant ADAR-c	gi7669474	2
MIOA0514			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 207 of 312**

2150	hfc3054 ncrc2265	adenylosuccinate lyase(ADSL)	NM_000026.1	2
2151	SEOA5679a FCR7523	adenylosuccinate synthetase	X66503	2
2152	hfc0473 fcrb1727	deoxyguanosine kinase (DGUOK)	NM_001929.1	2
2153	SEOB2685 ncr2431	deoxyribonuclease II	AF060222.1	2
2154	ncr0475 ncrb6846	inositol (myo)-1(or 4)-monophosphatase 1 (IMPA1),	NM_005536.2	2
2155	SEOB2085  SEOA9526	nucleotide pyrophosphatase (=plasma cell membrane glycoprotein (PC-1))	D12485.1	2
2156	SEOA9792  seob5455	p53R2 gene for ribonucleotide reductase, exon 9 and complete cds	AB036532.1	2
2157	seob6272  SEOA6878	phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPSAP2)	NM_002767.1	2
2158	seob7883 seob6162	phosphoribosylglycinamide formyltransferase (PGFT)	M32082.1	2
2159	FCR4831 ncrb4946	purine nucleoside phosphorylase	X00737	2
2160	FCR6753 fcrb0655	thymidylate synthase	D00596	2
2161	hfc2658 hfc9511	1-acylglycerol-3-phosphate O-acyltransferase	Y09565.1	2
2162	SEOA2631 hfc6201	adaptor protein p150	Y08991	2
2163	FCR6637  FCR3707	mutant cerebroside sulfate activator protein (SAP-MU-6) (=J03015 sphingolipid activator protein 1)	M60258	2
2164	SEOB0288 BFCS0238	Niemann-Pick C disease protein (NPC1)	AF002020.1	2
2165	ncrb1719  ncrc3991	5-methyltetrahydrofolate-homocysteine methyltransferase (MTR)	NM_000254.1	2
2166	MIOA5452a hfc7461	AAPT1-like protein	AF047431.1	2
2167	SEOA1606a FCR4813	acetyl-coenzyme A transporter	D88152	2
2168	ncr3148 SEOA9518	ARF protein	NM_016632.1	2
2169	seob5069 hfc7938	attractin precursor (ATRN) gene	AF218915.1	2
2170	miob2386 FCR2779	biliverdin reductase A (BLVRA)	NM_000712.1	2
2171	ncrb5155 ncrc5176	choline/ethanolaminephosphotransferase (CEPT1)	NM_006090.1	2
2172	FCR0824	enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase alpha-subunit of trifunctional protein, mitochondrial	D16480	2

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**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 208 of 312**

ncrc0865			
2173 SEOB0674a	galactocerebrosidase (GALC) gene	L38559	2
MIOA5233a			
2174 ncrb1625	hydroxysteroid (17-beta) dehydrogenase 4 (HSD17B4)	NM_000414.1	2
SEOA8399a			
2175 MIOA1445	methyalmalonyl-CoA mutase (MCM)	M65131	2
ncrc0991			
2176 ncrb1646	nucleus-encoded mitochondrial aldehyde dehydrogenase 2 (ALDH2) gene	M20456.1	2
SEOA4739a			
2177 MIOA3598a	phospholipase C beta 4 (PLCB4)	L41349	2
MIOA4278			
2178 hfcr0061	phospholipase C-beta-3 (PLCB3)	U26425.1	2
hfcr0157			
2179 FCR1463	transacylase (DBT)	X66785	2
hfcr0005			
2180 MIOA1570	cytochrome c oxidase assembly protein COX11 (COX11)	AF044321	2
MIOA8963			
2181 SEOA9874	cytochrome c oxidase subunit VIa gene	U83702.1	2
fcrb2012			
2182 SEOA0066	mitochondrial 75 kDa iron sulphur protein	X61100	2
FCR7430			
2183 MIOA2343a	mitochondrial carrier homologue 2	AF176008.1	2
ncrc0960			
2184 MIOA0848a	mitochondrial carrier protein ARALAR1	Y14494	2
MIOA2971a			
2185 SEOA3088a	mitochondrial cytochrome c oxidase Va subunit	M22760	2
HFCR3133			
2186 MIOA3512a	mitochondrial inner membrane translocase Tim23 (TIM23)	AF030162.1	2
FCR5152			
2187 FCR1994	NAD <sup>+</sup> -specific isocitrate dehydrogenase beta subunit precursor (mitochondrial)	U49283	2
FCR0432			
2188 ncrb7952	NADH dehydrogenase (ubiquinone) Fe-Sprotein 5 (15kD) (NADH-coenzyme Q reductase); CI-15protein (RefSeq aa 2e-62)	NP_004543.1	2
ncrc5464			
2189 ncr5871	NADH dehydrogenase (ubiquinone) flavoprotein 2 (24kD) (NDUFV2)	NM_021074.1	2
seob4368			
2190 ncr1506	NADH dehydrogenase subunit {heteroplasmic G->A transition in codon 331}	S73804	2
ncrc2579			
2191 SEOA4327a	NADH dehydrogenase(ubiquinone) 1, subcomplex unknown, 2 (14.5kD, B14.5b)NDUFC2=AF087659 (ORF)	NM_004549.1	2
fcrb0126			
2192 SEOA2642	NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8)	AF038406	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 209 of 312**

hfc9142				
2193	FCR3779	NADH:ubiquinone dehydrogenase 51 kDa subunit (NDUFV1) (mitochondrial)	AF053070	2
hfc6059				
2194	miob5003	NADH:ubiquinone oxidoreductase B17 subunit	AF035840.1	2
	FCR0043n			
2195	hfc3557	oxidase (cytochrome c) assembly 1-like (OXA1L)	NM_005015.1	2
	FCR4816			
2196	ncrb1409	PNAS-105 (=NADH dehydrogenase subunit 2 (ND2) gene, mitochondrial gene encoding mitochondrial protein),	AF275801.1	2
ncrc0209				
2197	MIOA8077	QUINONE OXIDOREDUCTASE (NADPH:QUINONE REDUCTASE) (ZETA-CRYSTALLIN)	spQ08257	2
SEOB1703				
2198	seob7907	succinyl CoA:3-oxoacid CoA transferase precursor (OXCT)	U62961.1	2
miob1125				
2199	miob0361	ubiquilin 2 (UBQLN2)	NM_013444.1	2
	miob0837			
2200	ncr8067	antizyme inhibitor	NM_015878.1	2
	ncrc1616			
2201	ncrb1373	arginase, type II (ARG2), nuclear gene encoding mitochondrial protein, (=vesicle-associated soluble NSF attachment protein receptor (v-SNARE; homolog of S. cerevisiae VTI1))	NM_001172.2	2
ncrc3230				
2202	MIOA6726a	Asparaginyl tRNA Synthetase (NARS)	D84273	2
	miob1776			
2203	ncr1235	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit (DPM1)	NM_003859.1	2
fcrb1419				
2204	hfc0789	Fas-activated serine/threonine kinase (FASTK)	NM_006712.1	2
	hfc5163			
2205	fcrb1729	golgi phosphoprotein 1 (GOLPH1)	XM_037292.1	2
	fcrb1484			
2206	ncrc0439	isopentenyl-diphosphate delta isomerase (IDI1)(= homolog of yeast IPP isomerase)	NM_004508.1	2
ncrc6468				
2207	seob5007	isoprenylcysteine carboxyl methyltransferase (ICMT)	NM_012405.1	2
	hfc7430			
2208	ncrc2044	leucine zipper, down-regulated in cancer 1 (LDOC1)	NM_012317.1	2
	fcrb1376			
2209	ncr6072	leucine-rich protein	M92439.1	2
	ncrb1713			
2210	FCR0392	lysyl hydroxylase (=L06419)	M98252	2
	FCR6585			
2211	ncr9003	Npw38-binding protein NpwBP (LOC51729)	NM_016312.1	2
	ncrb0732			
2212	BFCN0197	ORNITHINE DECARBOXYLASE (ODC)	spP00860	2
	MIOA7593a			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 210 of 312**

2213	ncr6811	phenylalanyl-tRNA synthetase beta-subunit; PheHB (RefSeq aa 4e-66)	NP_005678.1	2
	ncrb0787			
2214	MIOA5310a	proline arginine-rich end leucine-rich repeat protein (PRELP) =U29089 (ORF)	NM_002725.1	2
	seob6146			
2215	miob2443	Proline synthetase associated	AB018566.1	2
	ncr5672			
2216	FCR0578	S-adenosyl homocysteine hydrolase homolog (XPVkona)	U82761	2
	mioa7741a			
2217	ncrc0572	cytidine monophosphate kinase CMP mRNA, (=UMP- CMP kinase (LOC51727))	AF259961.1	2
	ncrc4257			
2218	miob3169	selenoprotein T(LOC51714)	NM_016275.1	2
	SEOB3451			
2219	SEOA1083a	eukaryotic translation initiation factor 2 alpha kinase PEK	AF110146	2
	miob3321			
2220	SEOB1981	eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD ) (EIF2S1)	gi4758255	2
	ncrc6862			
2221	SEOA9855	eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD) (EIF3S1)	NM_003758.1	2
	ncrb0473			
2222	MIOA1708a	EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF-5)	spP55010	2
	seob7324			
2223	seob4965	fasciculation and elongation protein zeta 2 (zygin II) (FEZ2)	NM_005102.1	2
	hfc1883			
2224	SEOB1414	homolog of rat elongation factor p18 (P18)	NM_004280.1	2
	ncrc6008			
2225	FCR0206	mitochondrial translational release factor 1	AF072934	2
	miob0769			
2226	ncr9469	translation initiation factor eIF-2alpha	U26032.1	2
	ncr8144			
2227	SEOA9642	translational inhibitor protein p14.5 (UK114) = X95384.1	NM_005836.1	2
	MIOA1778			
2228	MIOA0684	translin associated protein X	X95073	2
	SEOA6356			
2229	seob6751	Tu translation elongation factor, mitochondrial (TUFM)	NM_003321.1	2
	hfc5427			
2230	SEOA1398	unr protein (=AB020692 KIAA0885)	AF077054.1	2
	SEOA3405a			
2231	hfc9374	arginyl-tRNA synthetase (RARS)	NM_002887.1	2
	SEOA3016a			
2232	SEOB1680	5.8S ribosomal RNA	J01866.1	2
	hfc3940			



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 211 of 312**

2233	seoa4961a	mitochondrial ribosomal protein S11 (MRPS11), nuclear gene encoding mitochondrial protein, mRNA /cds=(265,849) /gb=NM_022839 /gi=16554608 /ug=Hs.111286 /len=1136	Hs.111286	2
	fcrb2568			
2234	seoa7827a	mitochondrial ribosomal protein S33 (MRPS33), transcript variant 1, nuclear gene encoding mitochondrial protein, mRNA /cds=(138,458) /gb=NM_016071 /gi=16950595 /ug=Hs.83006 /len=727	Hs.83006	2
	fcrb1573			
2235	hfcr8880	PRO1181 (=ribosomal protein L29(RPL29))(= cell surface heparin binding protein HIP )	AF116627.1	2
	hfcr5412			
2236	hfcr0439	alpha-1-antitrypsin	K01396.1	2
	ncrc9288			
2237	miob5608	amyloid beta precursor protein-binding protein 1, 59kD (APPBP1)	NM_003905.1	2
	mioa9979			
2238	FCR4946	antiseCRetory factor-1 (=U51007 26S protease subunit S5a)	U24704	2
	FCR0751			
2239	SEOA2219a	ATP-dependent metalloprotease YME1L (contains Alu repeat)	AJ132637.1	2
	MIOA1432			
2240	seob5113	matrix metalloproteinase 13 (collagenase 3) (MMP13)	NM_002427.1	2
	fcrb2269			
2241	fcrb1271	matrix metalloproteinase 15 (membrane-inserted) (MMP15)	NM_002428.1	2
	hfcr3556			
2242	fcrb1529	matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase)(MMP2)	XM_048244.1	2
	fcrb1481			
2243	ncrc3777	matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase)(MMP9)	NM_004994.1	2
	ncrc7068			
2244	MIOA0826	MB1 (=D29011 proteasome subunit X)	X95586	2
	ncrc5577			
2245	MIOA2344a	mitogen-activated kinase kinase kinase 5 (MAPKKK5)	U67156	2
	MIOA4285			
2246	FCR3985	peptidase homolog	AF010141	2
	FCR3916N			
2247	SEOA6176a	plasminogen activator inhibitor-1	J03764	2
	FCR3729			
2248	SEOA1269a	proteasome activator hPA28 subunit beta	D45248	2
	FCR6958			
2249	SEOA3093a	proteasome subunit p42	D78275	2
	miob4653			
2250	miob4733	protein associated with Myc (=AB020723 KIAA0916)	AF075587.1	2
	ncrb1518			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 212 of 312**

2251	mioa7805a	protein associated with PRK1 (AWP1), mRNA /cds=(244,804) /gb=NM_019006 /gi=9506852 /ug=Hs.83954 /len=1613	Hs.83954	2
	mioa7645a			
2252	hfc1428 fcrb2325	protein regulator of cytokinesis 1 (PRC1)	NM_003981.1	2
2253	SEOA6344 miob5037	sorting nexin 14 (SNX14)	AF121863.1	2
2254	MIOA3744a miob5663	sorting nexin 4	AF065485	2
2255	SEOA0078 SEOA3698a	sorting nexin 5 (SNX5)	AF121855.1	2
2256	SEOA0511 seob6014	sorting nexin 7 (SNX7)	AF121857.1	2
2257	MIOA3440a SEOA4649a	TIMP3 tissue inhibitor of metalloproteinases-3	X76227	2
2258	FCR0390 FCR1407N	BRCA1 associated protein 1 (BAP1)	AF045581	2
2259	ncr3276 MIOA4852a	coated vesicle membrane protein (RNP24)	NM_006815.1	2
2260	hfc18615 ncr1696	F-box protein 7 (FBX7)	NM_012179.1	2
2261	MIOA5447a FCR3132	KDEL receptor(Xenopus laevis)	AL035081	2
2262	hfc1411 ncr4812	peroxisomal biogenesis factor 12 (PEX12)	NM_000286.1	2
2263	MIOA6388a miob3766	peroxisomal D3,D2-enoyl-CoA isomerase (PECI)	AF153612	2
2264	FCR0781	peroxisomal enoyl-CoA hydratase-like protein (HPXEL)	U16660	2
	FCR2361			
2265	SEOB1172 ncr7423	peroxisomal farnesylated protein (PXF)	NM_002857.1	2
2266	SEOA0973 FCR4612	rapamycin-binding protein (FKBP25) (=M90309)	M90820	2
2267	SEOA7408a ncrb0758	signal recognition particle (SRP54)	U51920	2
2268	miob6118 ncr3185	signal recognition particle 72kD (SRP72)(ORF)	NM_006947.1	2
2269	FCR3042	stimulator of TAR RNA binding (SRB) (=AF026291 chaperonin containing t-complex polypeptide 1, delta subunit (Cctd))	U38846	2
	MIOA3856			
2270	SEOA2363a miob4514	ubiquitin conjugating enzyme, UbcH6	X92963	2
2271	MIOA6739a mioa7806a	ubiquitin C-terminal hydrolase UCH37 (UCH37)	AF147717.1	2
2272	SEOA1282a ncrc6649	ubiquitin hydrolyzing enzyme I (UBH1)	AF022789	2
2273	SEOB2803 MIOA6428a	ubiquitin-52 amino acid fusion protein	X56998.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 213 of 312**

2274 miob0839	ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5) (UBE2D3)	NM_003340.1	2
seoa8005			
2275 MIOA6543a	ubiquitin-conjugating enzyme E2L 6 (UBE2L6) =AF061736 ubiquitin-conjugating enzyme RIG-B	NM_004223.1	2
SEOB1136			
2276 MIOA4694	ubiquitin-conjugating enzyme Ubch2	Z29331	2
SEOA4688a			
2277 SEOA9873	ubiquitously-expressed transCRipt (UXT)(ORF)= AF092737	NM_004182.1	2
SEOB0578			
2278 SEOA5157a	WDR1 protein	AF020260	2
MIOA2107			
2279 FCR4885	bithoraxoid-like protein (BLP)(= HSPC162 protein (HSPC162))	AF165516.1	2
ncrc9752			
2280 ncrb7586	glioma-amplified sequence-41 (GAS41)	NM_006530.1	2
fcrb1621			
2281 miob0202	MAT-1 oncogene (HUMMAT1H) (=PEA15)	NM_013287.1	2
hfc6508			
2282 SEOA0404	methyl-CpG binding protein 1 (MBD1)	AF120982.1	2
ncr8759			
2283 SEOA8867	methyl-CpG binding protein MBD4	AAC68879.1	2
hfc1897			
2284 MIOA8341	33 kDa transcriptional co-activator (CRSP33) (=hMed7)	NM_004270.1	2
miob2430			
2285 ncr4946	ataxia telangiectasia and Rad3 related (ATR)	NM_001184.1	2
seob3726			
2286 FCR2196	B cell RAG associated protein (BRAG) (=AB011170 hypothetical protein (KIAA0598))	AF026477	2
ncrb4094			
2287 MIOA8774	B-cell CLL/lymphoma 6 (zinc finger protein 51) (BCL6)	NM_001706.1	2
fcrb2588			
2288 ncr2421	bromodomain adjacent to zinc finger domain, 2A (RefSeq NP_038477.1 aa 5e-62)		2
ncrc1941			
2289 MIOA3558a	CAAT-box DNA binding protein subunit B (NF-YB)	X59710	2
ncr7376			
2290 hfc5009	CAG-isI 7	U16738.1	2
hfc9579			
2291 miob4864	CBF1 interacting corepressor CIR (=U03644.1 recepin)	AF098297.1	2
ncrb1482			
2292 FCR6482	CCR4-associated factor 1 (POP2)	AF053318	2
fcrb2429			
2293 FCR2088	cellular oncogene c-fos (=K00650)	V01512	2
FCR0750			
2294 SEOA0235a	chromatin-specific transCRiption elongation factor FACT	AF152961.1	2
SEOA3742a			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 214 of 312**

2295	hfc3469 hfc300	class I histone deacetylase (HDAC8)	AF230097.1	2
2296	SEOB0253 ncrb5540	ets variant gene 5 (ets-related molecule) (ETV5)	NM_004454.1	2
2297	MIOA1417 MIOA2385a	GC box binding protein	D31716	2
2298	hfc32548  hfc3495	hepatocellular carcinoma novel gene-3 protein (LOC51339)	NM_016651.2	2
2299	hfc34439 fcrb2458	HMG-2	X62534.1	2
2300	miob6130 ncrc1344	Id2 protein (Id-2)	M69293.1	2
2301	MIOA8360 hfc37439	interferon regulatory factor 2 (IRF2)	NM_002199.2	2
2302	hfc3634 ncrc4071	jun D proto-oncogene (JUND)	NM_005354.1	2
2303	MIOA2791a SEOB0655a	kaiso (ZNF-kaiso)	gi5803228	2
2304	SEOA6365 SEOA1647a	KRAB domain zinc finger protein (ZFP37)	AF022158	2
2305	hfc35969  ncr1735	mel transforming oncogene (derived from cell line NK14)- RAB8 homolog (MEL), mRNA	NM_005370.2	2
2306	miob1778  ncrb5439	microphthalmia-associated transcription factor (MITF) (=DKFZp586B2217)	NM_000248.1	2
2307	SEOA3417a FCR5192	NF-kappa-B transCRiption factor p65 subunit	L19067	2
2308	SEOA4436a ncr7544	nuclear factor NF-IL6	X52560.1	2
2309	hfc35956  ncrc4907	nuclear factor of activated T-cells, cytoplasmic 4 (NFATC4) mRNA	NM_004554.1	2
2310	ncr1204  ncrc5443	promyelocytic leukemia zinc finger protein (PLZF) gene	AF060568	2
2311	MIOA4770 SEOA4870a	putative transCRiption factor, partial	AJ009770	2
2312	SEOA8952 ncrb2874	RE1-silencing transCRiption factor (REST)	NM_005612.1	2
2313	ncr5923  ncrb0455	retinoblastoma-binding protein 1; RBP1 (RefSeq aa 4e- 48)	NP_002883.1	2
2314	seob7200 miob1252	retinoblastoma-binding protein 2 (RBBP2)	NM_005056.1	2
2315	SEOB2011 FCR3290	SEF2-1A protein (SEF2-1A)	M74718.1	2
2316	ncrb4719 ncrb7127	seven in absentia (Drosophila) homolog 1 (SIAH1)	NM_003031.1	2
2317	seob7746 seob5958	small zinc finger-like protein (DDP2)	AF150087.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 215 of 312**

2318	hfc0011 hfc4717	target of myb 1 (TOM1)	AJ006973.1	2
2319	ncr0377  ncrb1317	TG-interacting factor (TALE family homeobox) (TGIF) (ORF)	NM_003244.1	2
2320	SEOA2300a  ncrc3256	thyroid hormone receptor-associated protein complex component TRAP150	AF117756.1	2
2321	ncr0403 ncrb1303	thyroid receptor interactor trip15	AF100762.1	2
2322	SEOA1623a seoa4102an	transCRiption elongation factor A (SII)-like 1	M99701	2
2323	FCR2006 fcrb1567	transCRiption factor ETR101	M62831	2
2324	hfc3961 hfc2041	transcription factor IIB	AF093680	2
2325	FCR6091 fcr1004n	transCRiption factor TFIIID subunit TAFII28	X83928	2
2326	SEOA2611  ncr7753	transCRiption factor WSTF (=AF084479 Williams-Beuren syndrome deletion transCRipt 9 (WBSCR9))	AF072810	2
2327	hfc7066 FCR3843	zinc finger protein (MAZ) (=KNSL4, MAZ)	M94046.1	2
2328	MIOA4484a ncr2443	zinc finger protein (ZFD25) (62% aa)	AB027251	2
2329	ncrb1663 miob4845	zinc finger protein 137 (ZNF137)	NM_003438.1	2
2330	FCR6331  hfc6290	zinc finger protein 261 (ZNF261) (=AB002383 KIAA0385) gi4827066		2
2331	seoa4969a  mioa0562a	zinc finger protein 264 (ZNF264), mRNA /cds=(363,2246) Hs.117077 /gb=NM_003417 /gi=4585642 /ug=Hs.117077 /len=6530		2
2332	SEOA9042 seob4271	zinc finger protein ZNF140-like protein (LOC55828)	NM_018443.1	2
2333	FCR5259 SEOA8595	zinc-finger DNA-binding protein	D45132	2
2334	MIOA4738  ncr0035	mago-nashi (Drosophila) homolog, proliferation-associated (MAGOH) and translated products=AF035940 (ORF)= MAGOH	NM_002370.1	2
2335	SEOB0303  FCR2860	cleavage and polyadenylation specificity factor 73 kDa subunit	AF171877.1	2
2336	seob6781  hfc5184	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1 (DDX1)	NM_004939.1	2
2337	MIOA8912 ncrc6031	double-stranded RNA-binding nuclear protein NFAR-1	AF167569.1	2
2338	MIOA9134 MIOA4630a	endonuclease/reverse transCRiptase [Mus musculus]	AAC53542.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 216 of 312**

2339	fcrb1053 ncrc2696	M5-14 protein (LOC51300)	NM_016589.1	2
2340	seob5773	nuclear matrix protein NMP200 related to splicing factor PRP19 (NMP200)	NM_014502.1	2
2341	seob3645 SEOB3303 miob4147	Nuclear protein SA-2 (=STAG2)	Z75331.1	2
2342	SEOA0036 SOA0060	nucleic acid binding protein sub2.3	Z29505	2
2343	miob4462 miob1366	polyA site DNA	Z24724.1	2
2344	seob7250 SEOA5110a	RNA binding motif protein 6 (RBM6)	NM_005777.1	2
2345	SEOA0111 SEOA8516	RNA binding motif protein 7	AF156098.1	2
2346	SEOB2728	RNA binding motif protein 8 (RBM8) (=AF161463.1 HSPC114)	gi4826971	2
2347	SEOA1439a SEOA9916 ncr3646	RNA binding protein 15.5 kD	AF155235	2
2348	SEOB0586 seob5115	RNA helicase II/Gu protein	AF261917.1	2
2349	miob3823 miob0042	RNA-directed DNA polymerase (EC	pirS21976	2
2350	seob7237	small nuclear ribonucleoprotein polypeptide B" (SNRPB2)	NM_003092.1	2
2351	MIOA6596a SEOB2228 ncrb8811	small nuclear RNA (U2)	L37793.1	2
2352	SEOA2814 FCR2047	SNAP-23	U55936	2
2353	miob6598 hfc1051	splicing factor 3a, subunit 3, 60kD (SF3A3)	NM_006802.1	2
2354	hfc7452 hfc6886	splicing factor arginine/serine-rich 7 (SFRS7) gene	L41887.1	2
2355	hfc6770 ncr4412	splicing factor similar to dnaJ (SPF31)	NM_014280.1	2
2356	hfc7395 ncrc6568	splicing factor SRp30c gene	U87279.1	2
2357	hfc6110	splicing factor, arginine/serine-rich 7 (35kD) (SFRS7), (=9G8 splicing factor)	NM_006276.2	2
2358	ncr2055 ncr7915	U2 small nuclear ribonucleoprotein auxiliary factor (U2AF1RS1)	NM_005083.1	2
2359	ncrb2504 SEOA8822 ncrc2211	U4/U6-associated RNA splicing factor (HPRP3P)	NM_004698.1	2
2360	HFCR3134 ncrb3947	U5 snRNP-associated 102 kDa protein	AF221842.1	2
2361	SEOA6744 MIOA7072a	mitochondrial 12S and 16S rRNA	J01438	2
2362	MIOA1655a	pre-mRNA cleavage factor I subunit	AJ001810	2

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 217 of 312

MIOB1571				
2363	SEOB0265	pre-mRNA cleavage factor Im (68kD) (CFIM) (=X67336)	5901927	2
	miob2987			
2364	MIOA0905a	pre-mRNA splicing factor SF2p32	M69039	2
	BFCS0223			
2365	FCR6386	RNA polymerase I 40kD subunit	AF047441	2
	ncrb4127			
2366	FCR5758	RNA polymerase II transCRiption factor SIII p18 subunit	L42856	2
	HFCR2376			
2367	ncr7967	RPB5-mediating protein (RefSeq aa 3e-33)	NP_003787.1	2
	ncrb3381			
2368	FCR5212	MN/CA9	Z54349	2
	FCR7301			
2369	SEOA4040a	class II invariant gamma-chain	X03340	2
	SEOA2653			
2370	ncr5789	COT kinase proto-oncogene	AF133211.1	2
	ncrc3439			
2371	ncr3045	EBNA-2 co-activator (100kD) (p100)	NM_014390.1	2
	hfc9515			
2372	MIOA7624a	immunoglobulin light chain (lambda) (=D80009 KIAA0187)	D87018	2
	MIOA0309			
2373	seob7207	immunoglobulin heavy-chain	AB019441.1	2
	ncr1944			
2374	SEOA8366a	Jk-recombination signal binding protein (RBPJK) (=D14041 H-2K binding factor-2)	L07872	2
	ncrb3320			
2375	seob5688	male-specific lethal-3 (Drosophila)-like 1 (MSL3L1) (=DKFZp586J1822)	NM_006800.1	2
	mioa7649a			
2376	miob6631	MHC class I HLA-B51 haplotype A2, B27/B51,Cw2/Cw3	M28205.1	2
	MIOA4978a			
2377	ncr3975	MHC class I HLA-Bw62	M28204.1	2
	SEOA1448a			
2378	miob0154	PC326 protein (PC326)	NM_018442.1	2
	ncrc5384			
2379	MIOA0580a	recombination acitivating protein (RAG2)	M94633	2
	ncrc4389			
2380	SEOB0192	strain ECOR 52 rrID operon	AF053964.1	2
	SEOA2337a			
2381	hfc7717	brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE)	NM_004899.1	2
	ncrc4191			
2382	hfc2863	ALEX3 protein (ALEX3)	NM_016607.1	2
	ncrb3454			
2383	hfc2696	antigen identified by monoclonal antibody Ki-67 (MKI67)	NM_002417.1	2
	fcrb0068			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 218 of 312**

2384 seob8106	Centrosome- and Golgi-localized PKN-associated protein (CG-NAP) (=AJ131693.1 AKAP450 protein)	AB019691.1	2
SEOB1847			
2385 MIOA7231a	DnaJ-like protein (Hsj2)	AF055664	2
MIOB2219			
2386 miob4157	hepatocellular carcinoma-associated antigen 58 (LOC51230)	NM_016436.1	2
ncr9629			
2387 FCR5415	MAGE tumor antigen D1 (MAGE-D1)	AF124440.1	2
SEOA5477a			
2388 ncr7805	modulator recognition factor 2 (MRF-2)	M73837.1	2
ncr5552			
2389 seob5478	nuclear protein stromal antigen 1 (SA-1)	NM_005862.1	2
MIOA9141			
2390 ncr0634	paraneoplastic antigen MA1 (PNMA1)	NM_006029.1	2
ncr1225			
2391 ncr8628	partial CHI3L1 gene for cartilage glycoprotein-39	AJ251847.1	2
ncr5532			
2392 ncr8711	stress protein Herp, = KIAA0025	AB034989	2
SEOB1853			
2393 ncr7123	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 (SULT1A3)	NM_003166.1	2
ncrc4970			
2394 ncr3588	T-cell activation protein (PGR1) gene	AF116272.1	2
miob6137			
2395 SEOB0569	T-cluster binding protein	D64015.1	2
ncrc6105			
2396 seob5213	Alg5, <i>S. cerevisiae</i> , homolog of (ALG5) (=AF161498.1 HSPC149)	NM_013338.1	2
seob5972			
2397 ncrb0782	B-factor, properdin (RefSeq aa 5e-30)	NP_001701.1	2
ncrc1519			
2398 FCR3379	cytovillin 2 (VIL2) (=X51521 ezrin)	J05021	2
miob4764			
2399 MIOB2824	lysosomal sialoglycoprotein	D12676.1	2
MIOA1413			
2400 FCR2103	beta-subunit signal transducing proteins GS/GI (clone 24596)	AF070597	2
ncrb0129			
2401 FCR2303	epithelial membrane protein-3 (=U52101 YMP; U87947 hematopoietic neural membrane protein (HNMP-1))	X94771	2
fcrb2759			
2402 SEOA6637a	globin alpha	M69023	2
FCR5619			
2403 SEOA0379	integral membrane serine protease Seprase	U76833	2
BFCS0081			
2404 SEOB1916	LIM domain only 4 (LMO4)	gi7108354	2
SEOA4620a			
2405 FCR3006	multispanning membrane protein	U94831	2
FCR2030			



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2406 ncr4413	PLASMA-CELL MEMBRANE GLYCOPROTEIN PC-1 [INCLUDES: ALKALINE PHOSPHODIESTERASE I; NUCLEOTIDE PYROPHOSPHATASE (NPPASE)]	P22413	2
ncrc7096			
2407 seob4197 ncrc2067	pM5 protein (PM5)	NM_014287.1	2
2408 seoa7748a	progesterone receptor membrane component 2 (PGRMC2), mRNA /cds=(6,677) /gb=NM_006320 /gi=5453915 /ug=Hs.9071 /len=1874	Hs.9071	2
mioa7699a			
2409 seob6678 ncrb6452	secretory carrier membrane protein 1 (SCAMP1)	NM_004866.1	2
2410 ncr0046	Translocase of outer mitochondrial membrane 70 (yeast) homolog A (TOMM70A)(= KIAA0719)	NM_014820.1	2
ncrc5072			
2411 SEOB1103 seob7117	transmembrane glycoprotein (CD44 gene)	AJ251595.1	2
2412 ncrb0164 ncrc5395	transmembrane protein Jagged 1 (HJ1)	AF028593.1	2
2413 ncr7852 ncrc6159	mutL homolog 1 (RefSeq aa 4e-76)	NP_000240.1	2
2414 SEOB2697 ncrb6575	DNA/RNA-binding protein	U20272.1	2
2415 SEOB0690a ncrc1811	RAD50	Z75311	2
2416 hfc4640 hfc5083	adenylate kinase 1 (hAK1)	AB021871.1	2
2417 MIOA7401a ncrb6151	adenylate kinase 3 alpha (AK3)	AB021870	2
2418 MIOA1296 MIOA2287a	C1-inhibitor	X54486	2
2419 ncrb1384 FCR5571	carbonyl reductase 1 (CBR1)	NM_001757.1	2
2420 miob4221 seob5316	coagulation factor V (proaccelerin, labile factor) (F5)	NM_000130.1	2
2421 hfc9627	glutathione peroxidase 4 (phospholipid hydroperoxidase) (GPX4)	NM_002085.1	2
fcr7012n			
2422 mioa7717a	glutathione-S-transferase like; glutathione transferase omega (GSTTLp28), mRNA /cds=(9,734) /gb=NM_004832 /gi=4758483 /ug=Hs.11465 /len=793	Hs.11465	2
cr0027			
2423 FCR5316 hfc2690	gp25L2 protein	X90872	2
2424 miob0977 ncrb8242	metallothionein isoform 1R	X97261.1	2
2425 SEOA0575	MITOCHONDRIAL THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE PRECURSOR (ANTIOXIDANT PROTEIN 1) (AOP-1) (MER5 PROTEIN HOMOLOG) (HBC189)	spP30048	2
SEOB0060			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 220 of 312**

2426	seoa6806	peroxiredoxin 5 (PRDX5), mRNA /cds=(36,680) /gb=NM_012094 /gi=6912237 /ug=Hs.31731 /len=805	Hs.31731	2
	ncrc7040			
2427	ncr8720	thioredoxin-like, 32kD (TXNL)	NM_004786.1	2
	FCR1367			
2428	miob5122	truncated SON protein (Son) (=AF161430.1 HSPC312)	AF193607.1	2
	seob7744			
2429	FCR1496	von Willebrand factor (=X04385)	M10321	2
	miob3846			
2430	hfcr1804	Arfaptin 2 (partner of RAC1) (POR1)	NM_012402.1	2
	hfcr7679			
2431	SEOA0064	Arf-like 2 binding protein BART1	AF126062.1	2
	ncrb8419			
2432	FCR0343	clathrin heavy chain (=D21260 human hypothetical protein (KIAA0034))	J03583	2
	ncrb4795			
2433	hfcr6096	sodium-dependent multivitamin transporter (SMVT) gene, partial cds	AF116241.1	2
	ncrc1516			
2434	FCR5470	synaptic glycoprotein SC2 spliced variant	AF038958	2
	ncr7739			
2435	SEOA8669	synaptobrevin-like 1 (SYBL1)	gi5032136	2
	seob6710			
2436	SEOB0523	ch-TOG protein (=D43948.1 KIAA0097)	X92474.1	2
	hfcr8373			
2437	ncrc0424	centrin 3; Saccharomyces cerevisiaeCDC31 homolog; EF-hand protein superfamily member (RefSeq aa 3e-65)	NP_004356.1	2
	ncrc2085			
2438	MIOA4077a	CGI-09 protein	AF132943.1	2
	fcrb1260			
2439	MIOA2013	CGI-104 protein (=AF078862.1 PTD009)	AF151862.1	2
	hfcr7077			
2440	SEOA6226	CGI-107 protein	AF151865.1	2
	miob1762			
2441	ncr0252	CGI-108 protein (LOC51013)	NM_016046.1	2
	ncr2779			
2442	MIOB2714	CGI-132 protein	AF151890.1	2
	ncr5063			
2443	SEOA1392	CGI-141 protein	AF151899.1	2
	ncr3407			
2444	MIOA2413a	CGI-30 protein (=Z49907 c.elegans diphthine synthase)	AF132964.1	2
	ncrb1800			
2445	seob6628	CGI-60 protein (LOC51626),	NM_016008.1	2
	miob3198			
2446	seob7890	CGI-61 protein	AF151819.1	2
	seob8243			
2447	ncrb7561	CGI-72 protein (RefSeq aa 2e-90)	NP_057102.1	2
	ncrc9815			
2448	ncr1780	CGI-75 protein (RefSeq aa 4e-57)	NP_057104.1	2

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ncrc3211				
2449	SEOA7157a miob2882	CGI-81 protein	AF151839.1	2
2450	SEOA3847 seob4715	CGI-82 protein	AF151840.1	2
2451	seob4126 hfcr1699	CGI-83 protein (LOC51110)	NM_016027.1	2
2452	miob4838 MIOB2573	CGI-97 protein	AF151855.1	2
2453	SEOA2859 SEOA6512a	cytoplasmic dynein intermediate chain 2 (Dncic2)	AF063231	2
2454	hfcr0918 hfcr3886	cytoplasmic intermediate filament protein	AJ004935.1	2
2455	SEOB3464  SEOA6512a	Dynein intermediate chain 2, cytosolic (dh ic-2) (cytoplasmic dynein intermediate chain 2)	spO88487	2
2456	seob6257  hfcr8929	golgin-like protein(GLP) gene (=U61167.1 SH3 domain- containing protein SH3P18)	AF266285.1	2
2457	fcrb1327 fcr3108	kinesin family member 4 (KIF4), mRNA	NM_012310.2	2
2458	hfcr8804 ncrb4899	microtubule-associated protein 1a (MAP1A)	U38292.1	2
2459	MIOA5468a  FCR2190	MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: MAP1 LIGHT CHAIN LC1]	P46821	2
2460	hfcr5244 hfcr0515	NC2 alpha	X96506.1	2
2461	SEOA7935a MIOA8153	Norrie disease protein (NDP)	X65882	2
2462	hfcr7437 hfcr0593	collagen-binding protein 2 (collagen 2) (CBP2)	NM_001235.1	2
2463	SEOA4400a SEOA8552	entactin	X14194	2
2464	seob3869 hfcr8506	epsilon-sarcoglycan	AJ000534.1	2
2465	SEOA5396  ncrb4485	hematopoietic proteoglycan core protein (=M90058 serglycin)	X17042	2
2466	MIOA3572a SEOA6243	osteonidogen (=AJ223500 nidogen-2)	D86425	2
2467	hfcr6245  hfcr0908	STIP1 homology and U-Box containing protein 1 (STUB1)	NM_005861.1	2
2468	SEOA5366 SEOA5093a	tenascin	X56160	2
2469	seob6133 seob5439	lymphocyte cytosolic protein 1 (L-plastin) (LCP1)	NM_002298.2	2
2470	MIOA8740 SEOA0184a	actin binding protein MAYVEN	AF059569.1	2
2471	MIOA2072 MIOA2339a	actin depolymerizing factor	S65738	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 222 of 312**

2472 MIOA1494 SEOA6869	adapter protein CMS	AF146277.1	2
2473 BFC50384 mioa7897	alpha-actinin-2 associated LIM protein	AF002282	2
2474 MIOA5202a miob2289n	CRystallin, zeta (quinone reductase)-like 1 (CRYZL1)	NM_005111.1	2
2475 FCR4460  miob0994	cytoplasmic dynein heavy chain (=AB002323 Human KIAA0325;L08505)	D13896	2
2476 MIOA3672a miob2422	gamma adducin	Y14379.1	2
2477 MIOA1287 SEOA9502	keratin 18 (K18)	M24842	2
2478 ncr0267 mioa9910	plakophilin 2b (ORF)	X97675	2
2479 FCR6928 FCR6963	profilin	J03191	2
2480 ncr3233 ncr6970	utrophin (homologous to dystrophin) (UTRN)	NM_007124.1	2
2481 seoa6829  fcrb2166	actin related protein 2/3 complex, subunit 3 (21 kD) (ARPC3), mRNA /cds=(25,561) /gb=NM_005719 /gi=5031596 /ug=Hs.6895 /len=840	Hs.6895	2
2482 ncr2723 SEOB0856a	muscle-specific protein (LOC51778)	NM_016599.1	2
2483 SEOB1001 SEOB3377	myosin X (MYO10)	AF247457.1	2
2484 fcrb2749  fcrb2175	myosin, heavy polypeptide 3, skeletal muscle, embryonic (MYH3), mRNA	XM_052579.2	2
2485 SEOA5898 MIOA6108a	myotubularin related protein 6	AF072928	2
2486 ncr3404 ncrc2227	integral inner nuclear	NM_014319.2	2
2487 fcrb2162 fcrb1430	lamin A/C (LMNA)	XM_044160.1	2
2488 SEOA5235a mioa5651n	nucleoporin p54	U63840	2
2489 SEOA1097a FCR0817	plectin (PLEC1)	U63610	2
2490 hfc6486 hfc8161	aryl hydrocarbon receptor-interacting protein (AIP)	NM_003977.1	2
2491 MIOA6418a hfc6533	Toll-like receptor 2 (TLR2) mRNA, (ORF)	U88878	2
2492 SEOA7129a ncrb3220	Toll-like receptor 4 (TLR4)	U88880	2
2493 SEOA3375a MIOA2252a	B219/OB receptor isoform HuB219.1	U52912	2
2494 seob6683  fcrb2017	bone morphogenetic protein receptor, type IA (BMPRI1A)	NM_004329.1	2
2495 MIOA5533a	Ets transCRiption factor (NERF-2)	U43188	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 223 of 312**

MIOA5197a			
2496 SEOA2892a	Fc-gamma-receptor IIIB (FCGR3B)	M90746	2
SEOA9950			
2497 SEOB3009	G protein gamma 5 subunit	AF038955.1	2
ncrc6024			
2498 SEOB1617	G protein-coupled receptor 69A (GPR69A) (=p40)	NM_006055.1	2
mioa9466			
2499 MIOA6476a	histamine N-methyltransferase(HNMT)	U08092	2
ncrb7099			
2500 miob6771	h-ryk	X69970.1	2
SEOB3106			
2501 ncr0194	interferon gamma receptor 1 (IFNGR1) (ORF)	NM_000416.1	2
ncrb7034			
2502 FCR6623	interferon gamma receptor accessory factor-1 (AF-1) (clone pJS3)	U05877	2
FCR3690			
2503 ncr8686	interleukin 16 (IL16)	AF077011	2
ncrc4704			
2504 ncrb0581	mannose receptor, C type 1 (MRC1)	NM_002438.1	2
ncrc9412			
2505 seob7409	nuclear receptor coactivator 3 (NCOA3)	NM_006534.1	2
FCR4981			
2506 ncr2508	nuclear receptor co-repressor 1 (NCOR1)	NM_006311.1	2
ncr8224			
2507 ncrb2938	nuclear receptor subfamily 4, group A, member 2 (NR4A2)	NM_006186.1	2
ncrc2485			
2508 hfc2030	nuclear RNA helicase, DECD variant of DEAD box family (DDXL)	NM_005804.1	2
hfc3753			
2509 seob5240	PAR3 (PAR3)	AF252293.1	2
hfc6118			
2510 hfc0484	peripheral benzodiazepine receptor-associated protein 1 (PRAX-1) mRNA	NM_004758.1	2
CR0724			
2511 FCR3287	platelet-derived growth factor A chain (PDGFA) (=X06374)	M83575	2
ncr9016			
2512 ncr7097	PMEPA1 protein (PMEPA1)	NM_020182.1	2
ncrb2398			
2513 FCR4308	retinoic acid-binding protein II (CRABP-II) (=M68867)	M97814	2
FCR4490			
2514 seob7529	RYK tyrosine kinase	S59184.1	2
mioa9873			
2515 FCR6340	TRIP6 (thyroid receptor interacting protein) (=AF025437 Opa-interacting protein OIP1; AF000974 zyxin related protein ZRP-1)	AJ001902	2
hfc1265			
2516 hfc9547	v-jun avian sarcoma virus 17 oncogene homolog (JUN), (=c-jun proto oncogene (JUN )	NM_002228.2	2
ncr1559			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 224 of 312**

2517	hfc8429	xenotropic and polytropic murine leukemia virus receptor (X3)	AF089744.1	2
	hfc9184			
2518	SEOA5520a	14-3-3 protein, a protein kinase regulator	X56468	2
	SEOA0133			
2519	miob4401	bifunctional ATP sulfurylase/adenosine 5'-phosphosulfate kinase	AF033026.1	2
	MIOA8767			
2520	SEOA1117a	calmodulin-dependent protein phosphatase catalytic subunit (PPP3CA) (=J05480)	L14778	2
	seob8082			
2521	FCR1020	ERK activator kinase (MEK2)	L11285	2
	hfc1907			
2522	MIOA2536a	mitogen-responsive phosphoprotein DOC-2	U53446	2
	MIOA7350a			
2523	hfc2504	protein kinase C, mu (PRKCM)	NM_002742.1	2
	SEOB0716a			
2524	MIOA7629a	serine-threonine protein kinase (MNBH)	AF108830.1	2
	ncrc0777			
2525	MIOA1388a	cAMP-specific phosphodiesterase 8B (PDE8B)	AF079529	2
	MIOA4718			
2526	SEOA7354a	cGMP phosphodiesterase	X62695	2
	SEOA3811a			
2527	ncr5719	monoamine oxidase B (MAOB)	NM_000898.1	2
	ncrb8573			
2528	miob4055	A kinase (PRKA) anchor protein 2 (AKAP2)(= KIAA0920)	NM_007203.1	2
	ncrc3623			
2529	mioa9831	associated molecule with the SH3 domain of STAM (AMSH) mRNA	NM_006463.1	2
	ncr1528			
2530	SEOA1580a	adenomatosis polyposis coli (APC)	gi4557318	2
	FCR0061n			
2531	hfc9134	breakpoint cluster region (BCR) gene	U07000.1	2
	CR0533			
2532	ncr3432	brefeldin A-inhibited	NM_006421.2	2
	miob3609			
2533	ncrb7350	dexamethasone-induced ras-related protein 1 (DEXRAS1) gene, (=activator of G protein signaling (AGS1))	AF262018.1	2
	ncrc9311			
2534	SEOA6033a	guanine nucleotide exchange factor p532	U50078	2
	ncr0156			
2535	SEOB0885a	GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN 12.3 (P205) (RECEPTOR OF ACTIVATED PROTEIN KINASE C 1) (RACK1)	spP25388	2
	SEOA8447			
2536	MIOA3963a	low-Mr GTP-binding protein (RAB32)	U59878	2
	SEOB3569			
2537	SEOA3516a	MAD-3 (I $\kappa$ B-like activity)	M69043	2
	SEOA7367a			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 225 of 312**

2538	ncr6920	N-acetylneuraminic acid phosphate synthase; sialic acid synthase (SAS)	NM_018946.1	2
	SEOA9931			
2539	seob2303 ncrc6817	nucleolar GTPase (HUMAUAANTIG)	NM_013285.1	2
2540	ncr3262 ncrb6174	Rab5-interacting protein	AF112213.1	2
2541	FCR0990 ncrc5553	Rab9 effector p40	Z97074	2
2542	SEOB2642 FCR6495	Ran_GTP binding protein 5	Y08890.1	2
2543	fcrb2722	Ras suppressor protein 1(RSU1),(= RSU-1/RSP-1 mRNA)	NM_012425.2	2
	ncrc2963			
2544	hfcr2535	Rho guanine nucleotide exchange factor (GEF) 1 (ARHGEF1)	NM_004706.1	2
	hfcr6117			
2545	ncr0266	Rho guanine nucleotide-exchange factor, splice variant NET1A	AJ010045.1	2
	FCR0935N			
2546	miob3696	Rho-associated, coiled-coil containing protein kinase 1 (ROCK1)	NM_005406.1	2
	ncr5724			
2547	MIOA3548a ncrb8356	SH3 binding protein	AB005047	2
2548	seob5551	SH3-domain binding protein 5 (BTK-associated) (SH3BP5) (=DKFZp434H068)	NM_004844.1	2
	ncrc5501			
2549	miob3531	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM)	NM_003473.1	2
	miob6377			
2550	ncr0924 ncrb4316	small GTP-binding protein rab22b	AF183421.1	2
2551	miob3456 ncrc0958	Src-like-adaptor (SLA)	NM_006748.1	2
2552	FCR2541 fcrb2643	adrenal specific pG2 (=U15981 dlk)	X17544	2
2553	SEOB2979 FCR0918	novel antagonist of FGF signaling (sprouty-1)	AF041037.1	2
2554	SEOA0539n	abundant in neuroepithelium area (BTG3) (=D64110 ANA)	gi5802989	2
	MIOB2564			
2555	ncr0775 ncr1148	bone morphogenetic protein 5 (BMP5)	NM_021073.1	2
2556	ncrb5631 ncrc1178	bone morphogenetic protein-3b gene	D49493.1	2
2557	FCR2195 seoa8133	folistatin	M19480	2
2558	SEOA5494a SOA0678	glioblastoma amplified sequence (GBAS)	AF029786	2
2559	seob6089 ncrb6144	growth associated protein 43 (GAP43)	NM_002045.1	2

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 226 of 312**

2560 SEOA2978a  
ncrc5679  
2561 SEOA7369a  
FCR0863  
2562 seob7039  
  
hfc0241  
2563 SEOA7442a  
SEOA5095a  
2564 seob7184  
  
MIOA8693  
2565 FCR7004  
  
fcrb0384  
2566 MIOA4271  
SEOA4204a  
2567 MIOA2774a  
FCR3540  
2568 ncr3963  
hfc3605  
2569 ncr8995  
ncrc5580  
2570 ncr2792  
ncrb5813  
2571 ncr3869  
  
hfc2529  
2572 hfc6211  
ncr4667  
2573 hfc9846  
ncrc5099  
2574 seob7404  
  
ncrb7225  
2575 SEOA4023a  
  
SEOA5557a  
2576 seob5454  
SEOA8761  
2577 miob4760  
SEOA6019a  
2578 SEOB3067  
ncr6116  
2579 FCR3754  
  
FCR6350  
2580 SEOA5490a  
SEOA1443a  
2581 FCR3033

2560 SEOA2978a	hepatocyte growth factor activator inhibitor type 2 (=AF027205 Kunitz-type protease inhibitor (kop))	AB006534	2
ncrc5679			
2561 SEOA7369a	hepatoma-derived growth factor	D16431	2
FCR0863			
2562 seob7039	high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha (=AB007900 KIAA0440)	AF090989.1	2
hfc0241			
2563 SEOA7442a	interferon-gamma	U10360	2
SEOA5095a			
2564 seob7184	macrophage-specific colony-stimulating factor (CSF-1)	M37435.1	2
MIOA8693			
2565 FCR7004	midkine (neurite growth-promoting factor 2) (MDK) (=X55110 neurite outgrowth-promoting protein)	gi4505134	2
fcrb0384			
2566 MIOA4271	monocyte chemotactic protein-3 (MCP-3)	X72308	2
SEOA4204a			
2567 MIOA2774a	neuromedin B	M21551	2
FCR3540			
2568 ncr3963	p8 protein (candidate of metastasis 1) (P8)	NM_012385.1	2
hfc3605			
2569 ncr8995	polydom protein	AAG32160.1	2
ncrc5580			
2570 ncr2792	SKI-INTERACTING PROTEIN (RefSeq aa 7e-55)	NP_036377.1	2
ncrb5813			
2571 ncr3869	uncharacterized bone marrow protein BM042 (BM042) (=DKFZp761A1124)	NM_018458.1	2
hfc2529			
2572 hfc6211	cullin 5 (CUL5)	NM_003478.1	2
ncr4667			
2573 hfc9846	ADP-ribosylation factor 6 (ARF6)	NM_001663.2	2
ncrc5099			
2574 seob7404	ADP-ribosylation factor domain protein 1, 64kD (ARFD1)	NM_001656.1	2
ncrb7225			
2575 SEOA4023a	ADP-ribosylation factor[arf]-directed GTPase activating protein (ASAP1) (=AB007860 KIAA0400)	gi4502248	2
SEOA5557a			
2576 seob5454	ADP-ribosylation factor-like 3 (ARL3)	NM_004311.1	2
SEOA8761			
2577 miob4760	calcyclin binding protein	AF057356.1	2
SEOA6019a			
2578 SEOB3067	FE65-like protein (hFE65L)	U62325.1	2
ncr6116			
2579 FCR3754	hepatocyte growth factor-like protein homolog (low match)	U28055	2
FCR6350			
2580 SEOA5490a	monocyte/neutrophil elastase inhibitor	AF053630	2
SEOA1443a			
2581 FCR3033	poly (ADP-ribose) polymerase (=J03473; M29786)	M18112	2



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 227 of 312**

FCR4760			
2582 hfc7146	chloride channel nucleotide-sensitive, 1A (CLNS1A)	NM_001293.1	2
ncr7893			
2583 miob6677	ecotropic viral integration site 5 (EVI5)	NM_005665.1	2
seob6122			
2584 FCR1608	JTV-1 (JTV-1)	U24169	2
ncrc2007			
2585 FCR5663	membrane protein, type II clone:HP10390	AB015631.1	2
FCR7710			
2586 FCR5800	membrane protein-like protein	U21556	2
ncr5960			
2587 SEOA4461a	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (KCNS3)=AF043472 Shab-related delayed-rectifier K channel alpha subunit	NM_002252.1	2
miob3803			
2588 hfc72601	stomatin-like protein 2 (SLP-2)	NM_013442.1	2
MIOA9010			
2589 SEOA3717a	voltage-dependent anion channel isoform 2 (VDAC2)	AF152227.1	2
hfc71867			
2590 SEOA0114	MacMarcks	X70326	2
hfc79595			
2591 MIOA3795	mast cell carboxypeptidase A	M27717	2
ncrc4531			
2592 SEOA0956	cell adhesion protein (vitronectin) receptor alpha subunit	M14648	2
SEOA1525			
2593 SEOB1362	goliath protein	AF155650.1	2
ncr2883			
2594 ncrb3880	integrin alpha-11 subunit precursor (ITGA11)	AF109681.1	2
hfc70506			
2595 seob5976	integrin, alpha V(vitronectin receptor, alpha polypeptide, antigen CD51)(ITGAV)	NM_002210.1	2
MIOA8308			
2596 MIOA3940a	platelet/endothelial cell adhesion molecule-1 (PECAM-1)	L34657	2
ncr2928			
2597 hfc71210	protocadherin 43 gene	AF119570	2
hfc79914			
2598 hfc70358	TRAF and TNF receptor associated protein (ttrap gene)	AJ269473.1	2
ncrc0203			
2599 fcrb0662	chromodomain helicase DNA binding protein 4 (CHD4)	NM_001273.1	2
ncrc1452			
2600 SEOA4640a	chromodomain protein, Y chromosome-like (CDYL) =AF081259	NM_004824.1	2
MIOA3378a			
2601 seob5523	chromosome-associated polypeptide C (CAP-C) (=DKFZp434F205)	NM_005496.1	2
ncrb8661			
2602 hfc73821	Gu protein = PC6010 RNA helicase Gu	U41387.1	2
ncrc3248			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 228 of 312**

2603	ncr0451 ncr1415	histone acetyltransferase (HBOA)	NM_007067.1	2
2604	mioa9555 ncr1415	histone acetyltransferase (MORF), (ORF)	NM_012330.1	2
2605	SEOA5580a  SEOA6157a	histone deacetylase 2 (HDAC2) (=U31814 transCRiptional regulator homologue RPD3)	gi4557640	2
2606	FCR1473 FCR6859	histone maCRoH2A1.2	AF054174	2
2607	fcrb1689 fcrb1558	non-histone chromatin protein HMG1 (HMG1) gene	U51677.1	2
2608	SEOB2283  ncrc2847	SCG10 like-protein, helicase-like protein NHL, M68, and ADP-ribosylation factor related protein 1 (ARFRP1) genes, complete cds	AF217796.1	2
2609	ncrb2798 ncrb8542	telomerase binding protein p23 (LOC56351)	NM_019766.1	2
2610	seob6696  ncr6088	menage a trois 1 (CAK assembly factor) (MNAT1) = X92669.1 p35, cyclin-like CAK1-associated protein(ORF)	NM_002431.1	2
2611	hfcf5905  ncrc3345	camptothecin resistant clone CEM/C2 DNA topoisomerase I mRNA, partial cds	U07806.1	2
2612	FCR6395 ncr7669	cdc14 homologue	AF000367	2
2613	SEOB0752 seoa7696a	CDC28 protein kinase 2 (CKS2)	4502858	2
2614	hfcf6613 FCR5881	cell cycle protein (PA2G4) gene	AF104670.1	2
2615	hfcf4741 hfcf9178	cell division cycle 20, S.cerevisiae homolog (CDC20)	NM_001255.1	2
2616	miob3313 MIOA9096	cullin 2 (CUL2)	AF126404.1	2
2617	ncr3172 ncr2556	dedicator of cytokinesis 1 (DOCK1)	NM_001380.1	2
2618	miob0050  ncrc0545	DNA for (CGG)n trinucleotide repeat region, isolate E7	AJ001216.1	2
2619	fcrb1788 ncrb8763	G1 to S phase transition 1 (GSPT1)	XM_055673.1	2
2620	hfcf6829 hfcf9596	growth arrest-specific 6 (GAS6)	NM_000820.1	2
2621	MIOB2293 hfcf6829	growth arrest-specific 7 (GAS7), transCRipt variant b	5360211	2
2622	MIOA9062 SEOA6398	GTP-binding protein RAB21 (RAB21) = KIAA0118	AF091035	2
2623	FCR5023 hfcf9101	MAC30	L19183	2
2624	SEOA6152a BFCS0302	rhoB	M74295	2
2625	MIOA8239	Topoisomerase I	CAA18536.1	2

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ncrc1460			
2626 FCR5707	X-linked nuclear protein (ATRX)	AF000160	2
FCR5704			
2627 SEOB1720	API5-like 1 (API5L1)	NM_006595.1	2
ncr2404			
2628 hfc9982	beclin 1 (BECN1)mRNA, (=beclin 1 (coiled-coil, myosin-like BCL2-interacting protein) (BECN1))( =GT197 partial ORF)	AF139131.1	2
SEOA9079			
2629 SEOA5387	BNIP3L	AB004788.1	2
SEOB1998			
2630 ncrb5704	CASP8 associated protein 2 (RefSeq aa 2e-87)	NP_036247.1	2
fcrb2400			
2631 miob6721	CED-6 protein (CED-6)	NM_016315.1	2
ncrc9794			
2632 SEOB0294	dual-specificity protein phosphatase	U15932.1	2
ncr2473			
2633 MIOA1294n	neuronal apoptosis inhibitory protein	U19251	2
SEOB0418			
2634 miob5878	NOD1 protein (NOD1) gene	AF149773.1	2
miob5958			
2635 hfc6747	programmed cell death 6 (PDCD6)	NM_013232.1	2
ncr8007			
2636 FCR2729	45kDa splicing factor	AF083384	2
FCR4489			
2637 hfc6849	KH-type splicing regulatory protein (KHSRP)	NM_003685.1	2
fcrb1648			
2638 seoa6797	polymerase (DNA-directed) kappa (POLK), mRNA /cds=(172,2784) /gb=NM_016218 /gi=7705343 /ug=Hs.135756 /len=4074	Hs.135756	2
ncrc2394			
2639 hfc2821	polymerase (RNA) II (DNA directed) polypeptide J (13.3kD) (POLR2J)	NM_006234.1	2
hfc8656			
2640 seob6131	Replication factor C (activator 1) 4 (37kD)	NM_002916.1	2
ncrc9255			
2641 ncrb4843	replication protein A1 (70kD) (RPA1)	NM_002945.1	2
ncrb7041			
2642 ncr0673	replication protein A2 (32kD)(RPA2)	NM_002946.1	2
hfc4151			
2643 seob4816	anaphase-promoting complex subunit 4 (APC4)	NM_013367.1	2
seoa7822a			
2644 hfc5827	cell division control protein 16 (CDC16) mRNA, complete cds	AF164598.1	2
SEOB0703a			
2645 MIOA3354a	cysteine and glycine-rich protein 2 (CSRP2) (contains Alu repeat)	U95018	2
hfc6154			
2646 ncr4140	Notch2-like (Notch2l)	NM_008715.1	2
ncrb1861			
2647 ncr3284	p53 regulated PA26 nuclear protein (PA26)	NM_014454.1	2
miob1079n			

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 230 of 312**

2648	SEOB0376 SEOB0439	proto-oncogene (Wnt-5a)	L20681.1	2
2649	ncrc8863 ncrc1788	Pro-X carboxypeptidase precursor (RefSeq aa 7e-49)	NP_005031.1	2
2650	FCR1478 hfcr7027	ras inhibitor	M37190	2
2651	FCR5975 FCR1045	SEPTIN 2 HOMOLOGUE (SEP2)	Q14141	2
2652	SEOA9150 ncrc4313	tumor antigen SLP-8p (HCC8)= AF102177.1(ORF)	NM_016516.1	2
2653	ncr1526 ncr9117	tumor differentially expressed 1 (RefSeq aa 1e-77)	NP_006802.1	2
2654	seob8160	tumor necrosis factor alpha-induced protein 6 (TNFAIP6)	NM_007115.1	2
	miob3900			
2655	FCR0652N MIOA3725a	tumor neCRosis factor receptor	M58286	2
2656	seob3697	tumor necrosis factor(ligand) superfamily, member 10 (TNFSF10) mRNA	NM_003810.1	2
	seob5604			
2657	miob2918	tumor protein D52 (TPD52)(= N8=tumor expression-enhanced gene)(= 19.8 kDa protein)	NM_005079.1	2
	ncrb2024			
2658	FCR7689 ncrb5384	tumor suppressor protein (101F6), putative	AF040704	2
2659	SEOA1856a FCR6807	tumor susceptibility protein (TSG101)	U82130	2
2660	ncr2293 fcrb2524	integral type I protein	NM_007364.1	2
2661	ncrc7137 hfcr0732	musculus DnaJ-like protein 1 (Dnajl1)	NM_007869.1	2
2662	FCR4433	PROBABLE ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC)	spQ18491	2
	MIOA4076a			
2663	miob6228	protein kinase NY-REN-64 antigen (LOC51135)	NM_016123.1	2
2664	ncrc0836	semipalmatus 18S ribosomal RNA gene, complete sequence	AF173638.1	2
	seob2299			
2665	FCR2054 FCR3701	19 kDa subunit of NADH (complex I)	X59697	2
2666	hfcr5611	proteasome (prosome macropain) activator subunit 2 (PA28 beta) (PSME2)	NM_002818.1	2
	mioa1118m			
2667	FCR6057 MIOA1687a	proteasome subunit p45 26S	D44467	2
2668	ncrc8935 seob5743	F-box only protein 2 (FBXO2)	NM_012168.1	2
2669	ncr7178 ncrc6595	ubiquitin specific protease	NM_004505.1	2
2670	FCR4238	transCRiption factor ZFM1 (=L49380;L49345;Y08765 splicing factor SF1-hl1))	D26120	2

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MIOA1370a			
2671 ncrb8142	RNA for Golgi protein (GPP34 gene)	AJ296152.1	2
ncrb0460			
2672 miob4144	dnhc2 cytoplasmic dynein heavy chain	AB041881.1	2
miob0994			
2673 ncrb8693	kinesin family member 3B (KIF3B) (=KIAA0359)	NM_004798.1	2
SEOA6930			
2674 MIOA4667a	CAK1 mRNA for Cdk-activating kinase=cyclin-dependent kinase 7=X77743	X77303	2
MIOA5773a			
2675 MIOA6673a	guanylate binding protein isoform I (GBP-2)	M55542	2
miob4524			
2676 SEOA8511	CYTOCHROME C OXIDASE POLYPEPTIDE VIC PRECURSOR	P09669	2
SEOA8951			
2677 miob6128	solute carrier family 16 (monocarboxylic acid transporters), member 7 (SLC16A7)	NM_004731.1	2
SOA0356			
2678 ncr1658	eukaryotic translation initiation factor 4B (EIF4B)	NM_001417.1	1
2679 SEOA6732	mitogen inducible gene mig-2	Z24725	1
2680 SEOA4716a	metallothionein	X97260	1
2681 FCR0211	nucleoplasmin-3 (NPM3)	AF081280	1
2682 SEOA8232	ATP SYNTHASE COUPLING FACTOR 6, MITOCHONDRIAL PRECURSOR (F6)	spP18859	1
2683 FCR5354	cytochrome c oxidase COX subunit IV (COX IV)	M21575	1
2684 SEOB0483	aminopeptidase PILS (APPILS)	AF183569.1	1
2685 hfcr9312	heat shock protein, DNAJ-like 2 (HSJ2)	NM_001539.1	1
2686 FCR1079	cytochrome P450 (CYP1A2)	M31667	1
2687 SEOA2819	integral membrane protein Tmp21-I (p23)	AJ004913.1	1
2688 ncr5264	cadherin 11, OB-cadherin(osteoblast) (CDH11)(= OB-cadherin-2)(= OB-cadherin-1)(= cadherin-11 )	NM_001797.1	1
2689 hfcr9447	solute carrier family 4, anion exchanger, member 3 (SLC4A3)	NM_005070.1	1
2690 hfcr3489	beta-galactosidase (GLB1)	M34423.1	1
2691 MIOA1524	protein phosphatase 2A 130 kDa regulatory subunit	L07590	1
2692 MIOB2756	5' cap guanine-N-7 methyltransferase (RNMT)	AF067791.1	1
2693 miob0636	calcineurin A1	M29550.1	1
2694 ncrb5940	baculoviral IAP repeat-containing 6 (BIRC6)	NM_016252.1	1
2695 ncrb3226	PTD019 (=HSPC203)	AF226729.1	1
2696 ncr7181	spastic paraplegia 4	NM_014946.1	1
2697 MIOA3269a	uncharacterized protein	AK002062	1
2698 miob1136	a disintegrin and metalloproteinase domain 28 (ADAM28)(= eMDC II)	NM_014265.1	1
2699 ncr4565	procollagen-proline, 2-oxoglutarate4-dioxygenase (proline 4-hydroxylase), alpha polypeptide(RefSeq aa 1e-44)	NP_000908.1	1
2700 MIOA4628a	proteasome (prosome, maCRopain) 26S subunit, non-ATPase, 12 (PSMD12)=AB003103 = 26S proteasome subunit p55,	NM_002816.1	1
2701 SEOB3158	c-maf long form	AF055377.1	1
2702 FCR2306	Kruppel-like zinc finger protein Zf9	AF001461	1
2703 SEOA8640	Tat-interacting protein (30kD) (TIP30)	5454125	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 232 of 312**

2704 FCR5620	zinc finger protein	L16896	1
2705 ncrb0090	zinc finger protein 22 (KOX 15) (RefSeq aa 1e-48)	NP_008894.1	1
2706 seob5860	ribonucleoprotein gene 60-kD SS-A/Ro D8	U44388.1	1
2707 ncrb7111	betaglycan (TBR III gene)	AJ251961.1	1
2708 ncr0016	Estrogen receptor 1 (ESR1)	NM_000125.1	1
2709 FCR6902	glucocorticoid-induced leucine zipper GILZ protein	AF024519	1
2710 seob7262	activated leucocyte cell adhesion molecule (ALCAM)	NM_001627.1	1
2711 seoa8019	BCL2-associated athanogene 3 (BAG3), mRNA /cds=(306,2033) /gb=NM_004281 /gi=14043023 /ug=Hs.15259 /len=2605	Hs.15259	1
2712 miob2944	fetal liver cDNA library	AI133292.1	1
2713 ncr9117	unnamed protein product	BAB15083.1	1
2714 SEOA6701a	solute carrier family 16 (monocarboxylic acid transporters), member 4 (SLC16A4) (contains Alu repeat)	gi4759113	1
2715 SEOA5299a	muscle-type phosphofructokinase (PFK-M) gene	M59741	1
2716 FCR5337	protein tyrosine phosphatase (PRL-1)	L39000	1
2717 MIOB0468	5-lipoxygenase activating protein (FLAP) (arachidonate 5-M63262.1 lipoxygenase-activating protein) (ALOX5AP)	5-M63262.1	1
2718 hfcr5181	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3 (9kD, B9)(NDUFA3)	NM_004542.1	1
2719 MIOA5484a	SUCCINATE DEHYDROGENASE [UBIQUINONE] FLAVOPROTEIN SUBUNIT, MITOCHONDRIAL PRECURSOR (FP) (FLAVOPROTEIN SUBUNIT OF COMPLEX II) Length = 664	spP31040	1
2720 seob4487	translation initiation factor IF2 (IF2)(ORF)	NM_015904.1	1
2721 SEOA6867	PROTEASOME THETA CHAIN (MACROPAIN THETA CHAIN) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX THETA CHAIN) (PROTEASOME CHAIN 13) (PROTEASOME COMPONENT C10-II)	spP49720	1
2722 hfcr1073	general transcription factor IIE, polypeptide 2	NM_002095.1	1
2723 ncr4550	hematopoietic-derived zinc fingerprotein (RefSeq aa 1e- 48)	NP_004867.1	1
2724 miob3044	zinc finger protein 208(ZNF208)	NM_007153.1	1
2725 MIOA3528a	ZNF202 beta (ZNF202)	AF027219	1
2726 MIOB2227	pirin (PIR)	gi4505822	1
2727 FCR1779	U6 snRNA	X59362	1
2728 hfcr5473	RNA polymerase II subunit	U37690.1	1
2729 seob1667n	mitochondrial ribosomal protein L20 (MRPL20), mRNA	XM_027716.1	1
2730 MIOA1556	MHC class I HLA-C-alpha-2 chain	M24097	1
2731 ncr3035	beta-preprotachykinin	X54469.1	1
2732 miob0942	pre-B-cell colony-enhancing factor (PBEF)	NM_005746.1	1
2733 ncrb0323	adaptor-related protein complex 3, beta 1 subunit (AP3B1)	NM_003664.1	1
2734 miob4370	transmembrane 4 superfamily member (tetraspan NET- 2) (NET-2)	NM_012338.1	1
2735 hfcr1201	adaptor-related protein complex 3, delta 1 subunit (ADTD), mRNA	NM_003938.1	1
2736 hfcr3774	seven transmembrane domain protein (NIFIE14)	NM_006326.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 233 of 312**

2737 hfc3494	DNA topoisomerase III	U43431.1	1
2738 MIOA8557	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (=SNF2alpha protein)	NP_003061.1	1
2739 hfc6715	methytransferase (HASJ4442)	NM_017528.1	1
2740 HFCR3091	collagen binding protein 2	D83174.1	1
2741 miob6645	syndecan-1 gene (exons 2-5)	Z48199.1	1
2742 SEOA8501	CC-chemokine receptor(CCR-5) gene, delta-32 allele	AF009962.1	1
2743 ncrb5361	interferon, alpha-inducible protein 27(RefSeq aa 7e-39)	NP_005523.1	1
2744 ncr3891	mitogen-activated protein kinase 6 (MAPK6)	NM_002748.1	1
2745 ncr4920	MAD (mothers against decapentaplegic, Drosophila) homolog 7 (MADH7)	NM_005904.1	1
2746 FCR3173N	developmentally regulated GTP-binding protein 2 (DRG2) X80754		1
2747 fcrb1136	melanoma differentiation associated (mda-6)= L25610.1 cyclin-dependent kinase inhibitor Length = 2120	U09579.1	1
2748 seob5894	ADP-ribosylation factor-like 1 (ARL1)	NM_001177.2	1
2749 seob7755	mannose-specific lectin (MR60)	U09716.1	1
2750 ncrb1852	postmeiotic segregation increased 2-like 8 (RefSeq aa 2e-57)	NP_005385.1	1
2751 seob3675	spindlin (Spin)	NM_011462.1	1
2752 SEOB1316	p53 binding protein	U82939.1	1
2753 FCR2301	BRAIN PROTEIN I3	P28662	1
2754 ncr2693	cerebellar degeneration-related protein (34kD) (CDR1)	NM_004065.1	1
2755 SEOA5461	fetal brain oculocerebrorenal syndrome (OCRL1)	U57627	1
2756 SEOA9016	fungus sterol-C5-desaturase homolog	D85181.1	1
2757 miob0213	HSPC280	AF161398.1	1
2758 ncr5865	HSPC282	AF161400	1
2759 seoa8035	hypothetical protein MGC3037 (MGC3037), mRNA /cds=(99,1151) /gb=NM_024047 /gi=13129009 /ug=Hs.301789 /len=1507	Hs.301789	1
2760 ncrb1100	immature colon carcinoma transcript 1(RefSeq aa 5e-76)	NP_001536.1	1
2761 MIOA3801	integral membrane protein type II (NKG2-D) (=U08988 CRFB4 )	AF001297	1
2762 hfc1340	isolate Indonesian 79 type 299 mitochondrial control region, partial	AF176203	1
2763 miob5915	KIAA0250 gene	NM_014837.1	1
2764 miob4004	KIAA0260 gene	D87449.1	1
2765 ncr3189	KIAA0388	AB002386.1	1
2766 miob6485	KIAA0576 protein	AB011148.1	1
2767 miob6092	NTT gene (L1 Alu and MER 38 repeat regions)	U54776.1	1
2768 MIOA8862	ORF2-like protein	AAD04635.1	1
2769 SEOA7485a	PMS2L13	AB017004.1	1
2770 seoa7788a	putative (LOC116228), mRNA	XM_057659.2	1
2771 ncr6617	RAB, member of RAS oncogene family-like 2B (RABL2B)	NM_007081.1	1
2772 hfc9807	sushi-repeat protein (SRPUL)	NM_014467.1	1

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2773	SEOA8960	VACUOLAR ATP SYNTHASE SUBUNIT H (V-ATPASE H SUBUNIT) (V-ATPASE M9.2 SUBUNIT) (9.2 KD MEMBRANE ACCESSORY PROTEIN)	spO15342	1
2774	miob1306	nicotinamide nucleotide transhydrogenase (NNT)	NM_012343.1	1
2775	ncrb6476	palmitoylated membrane protein 3 (RefSeq aa 1e-86)	NP_001923.1	1
2776	hfc5157	protein phosphatase 4 regulatory subunit 1 (PPP4R1)	NM_005134.1	1
2777	SEOB0510	POLY(A) POLYMERASE (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE)	spP51003	1
2778	FCR1098	ATP-citrate lyase	X64330	1
2779	SEOA1812a	phosphatidic acid phosphatase type 2c (Ppap2c) (=D38522 KIAA0080)	AF123611.1	1
2780	MIOA8919	cytochrome c (HS7) processed pseudogene	M22893.1	1
2781	MIOA2853a	mitochondrial 3-ketoacyl-CoA thiolase beta-subunit of trifunctional protein	D16481.1	1
2782	MIOA3397a	mitochondrial acetoacetyl-coenzyme A thiolase (EC 2.3.1.9)	D90228	1
2783	MIOA7423a	mitochondrial elongation factor G	L14684	1
2784	SEOB0352	mitochondrial F1FO-type ATPase subunit d	AF087135.1	1
2785	ncrb7167	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9 (39kD) (RefSeq aa 2e-80)	NP_004993.1	1
2786	SEOA6131a	ubiquinol cytochrome-c reductase core I protein	L16842	1
2787	hfc8033	aspartyl protease(BACE2) mRNA, complete cds, alternatively spliced	AF188277.1	1
2788	miob6834	carbaryl phosphate synthetase I	AF154830.1	1
2789	SEOB3131	glutamine:fructose-6-phosphate amidotransferase (GFAT)	M90516.1	1
2790	FCR6092	selenium donor protein (selD)	U34044	1
2791	ncrb6907	tousled-like kinase 1 (RefSeq aa 1e-49)	NP_036422.1	1
2792	miob5675	peroxisomal biogenesis factor 3 (PEX3)	NM_003630.1	1
2793	FCR4129	peroxisome biogenesis disorder protein 1 (PEX1)	AF026086	1
2794	ncrb5322	signal recognition particle receptor ('docking protein') (SRPR)	NM_003139.1	1
2795	miob6518	UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 12 (UBIQUITIN THIOLESTERASE 12)(UBIQUITIN-SPECIFIC PROCESSING PROTEASE 12) (DEUBIQUITINATING ENZYME 12) (UBIQUITIN HYDROLYZING ENZYME 1)	spO75317	1
2796	hfc9420	ubiquitin specific protease 11 (USP11)	NM_004651.1	1
2797	miob3695	ASH2L (absent, small, or homeotic, Drosophila, homolog)-like	NM_004674.1	1
2798	ncrb4166	c-myc gene	1001205A	1
2799	hfc9656	colon Kruppel-like factor (CKLF)	AF132818.1	1
2800	ncrb2524	general transcription factor IIF, polypeptide 1 (74kD subunit) (GTF2F1)	NM_002096.1	1
2801	miob6794	hedgehog-interacting protein (Hip)	AF116865.1	1
2802	MIOA5691	HZF3 mRNA for zinc finger protein(ORF)	X78926	1
2803	seob4284	Nef-associated factor 1(NAF1) mRNA	NM_006058.1	1
2804	MIOA8914	retinoblastoma-binding protein 8 (RBBP8)	NM_002894.1	1
2805	FCR0089	transCRiption elongation factor S-II, hS-II-T1	D50495	1
2806	SEOA8242	transCRiption factor 4, Helix-loop-helix transCRiption factor 4 (HTF4/TCF12)	M65209	1
2807	ncr6431	zinc finger protein (PRD51) gene	U88082.1	1



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 235 of 312**

2808 hfc8631	Zinc-finger helicase (hZFH)	U91543.1	1
2809 SEOA6223	capping enzyme (HCE)	AF025654	1
2810 ncrb6639	cleavage and polyadenylation specific factor 4, 30kD subunit (CPSF4)	NM_006693.1	1
2811 FCR3076	DEAD-box protein p72 (P72)	U59321	1
2812 MIOA5558a	TFIID subunit p22	D50544	1
2813 HFCR3118	U5 snRNP 100 kD protein	AF026402.1	1
2814 miob2947	nasopharyngeal carcinoma susceptibility protein	NP_037407.1	1
2815 ncr1510	HLA-B gene (HLA-B*0801 allele), complete cds	D83956.1	1
2816 ncrb7557	diphtheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 1 (DPH2L1)	NM_001383.1	1
2817 miob6528	heat-responsive protein 12 (Hrsp12)	NM_008287.1	1
2818 SEOA0784n	neuronal tissue-enriched acidic protein (NAP-22)	AF039656	1
2819 SEOA4132a	xeroderma pigmentosum complementation group C (XPC)=X65024	NM_004628.1	1
2820 hfc8706	carbonic anhydrase II (CA2)	NM_000067.1	1
2821 mioa9505	PKCq-interacting protein PICOT (PICOT) (ORF)	AF118652	1
2822 ncr1712	hect domain and RLD 3 (HERC3)	NM_014606.1	1
2823 SEOA4485	33 kDa Vamp-associated protein (VAP33)	AF044670	1
2824 SEOA2472	CGI-76 protein	AF151834.1	1
2825 MIOA4532a	ankyrin-like protein	Y10601.1	1
2826 MIOA0212a	F-actin capping protein beta subunit	U03271	1
2827 FCR2266	cardiac ventricular troponin C	AF020769	1
2828 SEOA1278a	tropomyosin isoform	Z24727	1
2829 hfc0256	22 kDa peroxisomal membrane protein-like (LOC55895)	NM_018663.1	1
2830 miob5978	angiotensin receptor 1 (AGTR1)	NM_009585.1	1
2831 ncr9754	dickkopf (Xenopus laevis) homolog 1 (DKK1)	NM_012242.1	1
2832 MIOA2796a	epidermal growth factor receptor substrate (eps15)	U07707	1
2833 hfc6992	FYN oncogene related to SRC, FGR, YES (FYN)	NM_002037.1	1
2834 ncrb4962	G protein Golf alpha gene	U55184.1	1
2835 ncrb5965	glucocorticoid receptor alpha	U25029.1	1
2836 hfc2892	Homer, neuronal immediate early gene, 1B (SYN47)	NM_004272.1	1
2837 ncrb0602	interferon, alpha-inducible protein (clone IFI-6-16) (G1P3)	NM_002038.1	1
2838 miob3149	interleukin 6 signal transducer (gp130, oncostatin M receptor) (IL6ST)(= membrane glycoprotein gp130)	NM_002184.1	1
2839 ncrb0916	vesicle-associated soluble NSFattachment protein receptor (v-SNARE; homolog of S.cerevisiae VTI1) (RefSeq aa 2e-37)	NP_006361.1	1
2840 hfc8442	mitogen-activated protein kinase 7 (MAPK7)	NM_002749.1	1
2841 MIOA0291	phosphoenolpyruvate carboxykinase (PCK1) (clone lamda-hPEC-3)	L05144	1
2842 hfc0470	serine/threonine protein phosphatase catalytic subunit (LOC51723), mRNA =( protein phosphatase 6)	NM_016294.1	1
2843 miob6459	serine-arginine-rich splicing regulatory protein SRRP86	AAF37578.1	1
2844 BFCS0524	tyrosine kinase (HTK)	U07695	1
2845 ncr4435	cAMP-specific phosphodiesterase 4D (PDE4DN3 gene)	AJ250854.1	1

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2846 seob5963	RAB23 protein (LOC51715)(HSPC137)	NM_016277.1	1
2847 hfc1709	Rab3D (rab3d)	AF263366.1	1
2848 MIOA4326a	alpha-amidating monooxygenase	AF010472	1
2849 ncrb4749	granulin (GRN)	NM_002087.1	1
2850 SEOA5473a	monocyte chemoattractant protein 4	X98306	1
2851 ncr0262	uncharacterized hematopoieticstem/progenitor cells protein MDS031 (RefSeq aa 6e-81)	NP_060936.1	1
2852 SEOA6332	ADP-ribosyltransferase (NAD ; poly (ADP-ribose) polymerase)-like 1 (ADPRTL1) (=D79999 KIAA0177; AF158255 vault protein)	gi5915659	1
2853 FCR0997	calcizzarin (=D49355 S100C protein; X80201 MLN70)	D38583	1
2854 hfc9703	ABC transporter umat (ABCB6 gene)(= MT-ABC transporter)	AJ289233.2	1
2855 HFCR2367	heme-regulated eukaryotic initiation factor 2 alpha kinase (HRI)	AF255050.1	1
2856 ncrb2247	potassium inwardly-rectifying channel, subfamily K, member 1 (RefSeq aa 5e-52)	NP_002236.1	1
2857 seob3903	PAK-interacting exchange factor beta (P85SPR) mRNA	NM_003899.1	1
2858 SEOA1173A	Heterochromatin protein 1 gamma	AB030905.1	1
2859 hfc6274	histone deacetylase 6 (KIAA0901)	NM_006044.1	1
2860 FCR7675	histone stem-loop binding protein (SLBP)	U75679	1
2861 miob0255	RecQ protein-like (DNA helicase Q1-like) (RECQL)	NM_002907.1	1
2862 SEOB0058	CYCLIN A/CDK2-ASSOCIATED PROTEIN P19 (RNA POLYMERASE II ELONGATION FACTOR-LIKE PROTEIN) (ORGAN OF CORTI PROTEIN 2) (OCP-II PROTEIN) (OCP-2)	spP34991	1
2863 ncr6012	polymerase (RNA) II (DNA directed) polypeptide B (140kD) (RefSeq aa 4e-32)	NP_000929.1	1
2864 FCR6442	10kD protein (BC10)	AF053470	1
2865 fcrb2661	14-3-3 sigma protein promoter and gene, complete cds	AF029081.1	1
2866 MIOA6772a	19.5 protein	M32486	1
2867 FCR4272	1-aminocyclopropane-1-carboxylate synthase	A35516	1
2868 FCR7508	23 kD highly basic protein	X56932	1
2869 hfc9546	2-hydroxyacid dehydrogenase	AF113251.1	1
2870 ncr0640	2-hydroxyphytanoyl-CoA lyase (RefSeq aa 7e-62)	NP_036392.1	1
2871 MIOA7262a	3-7 gene product	D64159	1
2872 ncr2857	3pv2 and 5p152 genes	sp P39194	1
2873 MIOA8653	40 kDa product (=M19503 ORF1; putative)	AAB59367.1	1
2874 FCR4056	54Tm (54tm) (=S83365 RAB5-interaction protein)	AF004876	1
2875 seob5054	55 kDa protein	AF155658.1	1
2876 hfc1359	7h3 protein	AF209931	1
2877 ncr4612	88.8 kDa protein	AF225417.1	1
2878 ncr1921	959 kb contig between AML1 and CBR1 on chromosome 21q22, segment 3/3	AJ229043.1	1
2879 miob5749	ABL (M8604 Met) gene	U07561.1	1
2880 ncr0342	acetyl LDL receptor; SREC=scavenger receptor expressed by endothelial cells (SREC),(= KIAA0149 gene)	NM_003693.1	1
2881 FCR6915	acetylserotonin N-methyltransferase-like (ASMTL) (=Y15521)	gi4757793	1

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2882 fCR0255	acid phosphatase type 5	X14618	1
2883 FCR3595	Acyl carrier protein, Mitochondrial (ACP) (non-exact 64%)	AC002400	1
2884 HFCR3089	AD-012 protein (LOC55833) (=AB040924 KIAA1491)	gi8923858	1
2885 hfcr1795	AD-014 protein	AF150733.1	1
2886 mioa1112m	ADMLX=putative adhesion molecule [human mRNA, 4121 nt, segment 2 of 2]= Kallmann syndrome (KAL)= M97252	S60088	1
2887 seob5771	adrenal gland protein AD-002	AF110775.1	1
2888 ncr2814	adrenal gland protein AD-004 (RefSeq aa 2e-91)	NP_057367.1	1
2889 MIOA5902a	ANC_2H01 (ORF)	AF003924_1	1
2890 hfcr5991	ancient ubiquitous protein 1(AUP1), mRNA	NM_012103.1	1
2891 ncr6841	androgen-regulated short-chain dehydrogenase/reductase 1 (ARSDR1)	AF167438.1	1
2892 ncrb5507	antigen NY-CO-25(NY-CO-25) (=KIAA0201)	AF039695.1	1
2893 hfcr6774	antigen NY-CO-41 (NY-CO-41)(= clone DKFZp586O0821)	AF039701.1	1
2894 FCR0186	antigen NY-CO-9 (NY-CO-9) (=AB011172 hypothetical protein (KIAA0600))	AF039691	1
2895 fcrb2292	antigenic determinant of recA protein (mouse) homolog, clone MGC:29595 IMAGE:5089578, mRNA, complete cds	BC017309.1	1
2896 ncrb0571	anti-oncogene	M98056.1	1
2897 MIOA4014a	APMCF1 (APMCF1)	AF141882.1	1
2898 ncr4408	arsenate resistance protein ARS2 arsenite-resistance protein 2 (RefSeq aa 2e-37)	NP_056992.1	1
2899 FCR4099	arsenite translocating ATPase (ASNA1) (=U60276)	AF047469	1
2900 BFCN0031	atypical PKC specific binding protein	AB005549	1
2901 MIOB2131	autonomously replicating sequence (ARS)	L08437.1	1
2902 miob1115	autosomal dominant polycystic kidney disease type II (clone 23778)	AF054992.1	1
2903 ncr7473	AV723190 HTB cDNA clone HTBAXA03 5'	AV723190.1	1
2904 ncr8111	B.subtilis YQJC protein (TR:G1303954)	CAA98118.1	1
2905 seob7577	B12 protein	M80783.1	1
2906 SEOB0850a	B17	AF232674.1	1
2907 FCR2167	B6D2F1(clone 2C11B)	U01139	1
2908 FCR7070	Bak protein	U23765	1
2909 ncr0304	BANP homolog (FLJ20538)	NM_017869.1	1
2910 FCR5199	BCL7B protein	X89985	1
2911 FCR5507	BCNT	AB009270	1
2912 ncr7050	beta-ureidopropionase	NM_016327.1	1
2913 ncr7557	blood-stage membrane protein Ag-1 [Plasmodium yoelii]	AF103869	1
2914 ncr5697	BNIP3H (BNIP3H) nuclear gene for mitochondrial product	AF255051.1	1
2915 SEOA0870	Br140	M91585	1
2916 MIOA0089a	brain 4.1(L) protein (=AB002336 Human KIAA0338)	AB019257.1	1
2917 ncrb1899	breast adenocarcinoma marker (32kD) (BC-2)	NM_014453.1	1
2918 ncr1022	BRI3	AF272043.1	1
2919 HFCR6141	brother of CDO (BOC)	AY027658.1	1
2920 SEOA4628a	C13F10.4 gene product [Caenorhabditis elegans]	U97006	1
2921 SEOA5809	C1D protein (nuclear DNA-binding protein)	X95592	1

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2922 fcr0195	C367G8.1 (melanoma antigen P15) (LOC124104)	XM_058771.1	1
2923 MIOA3639a	C43H8.1 gene product	AF098499	1
2924 MIOA2475a	C44E4.5 gene product	AF003140	1
2925 ncrb3647	C6f mRNA, partial 3'UTR	U72516.1	1
2926 ncrb8474	calmodulin-like, processed pseudogene (302 bp identical to the 3' untranslated region) (=DKFZp434A012)	M73792.1	1
2927 miob3591	candidate tumor suppressor protein DICE1	AF097645.1	1
2928 miob6245	CDM (=ref NM_005745.2  accessory proteins BAP31/BAP29)	Z31696.1	1
2929 mioa9954	cell-line RPMI 8226 chloride ion current inducer protein I(Cln) gene,	AF232225	1
2930 hfcr1874	CGI-111 protein (LOC51015)	NM_016048.1	1
2931 MIOA0916a	CGI-113 protein	AF151871.1	1
2932 MIOA0294	CGI-126 protein	AF151884.1	1
2933 BFCW0371	chorionic gonadotropin beta subunit	K03189	1
2934 SEOA4518	choroideremia (ORF)	X78121	1
2935 ncr5781	Churchill protein	AAG09759.1	1
2936 ncr8259	citb_173_i_12	AC005887.3	1
2937 miob1826	citb_179_n_3	AC005210.3	1
2938 ncrb4215	citb_43_a_11, complete sequence	AC005880.3	1
2939 hfcr0827	citb_79_e_16, complete sequence	AC005881.3	1
2940 MIOA6035	clock (mouse) homologue (CLOCK) (=AB002332 KIAA0334)	gi4758009	1
2941 ncrb2660	cn04g01.y1 Normal Human Trabecular Bone Cells cDNA clone NHTBC_cn04g01 random	AI750662.1	1
2942 mioa7878	CocoaCrisp (LOC83690), mRNA /cds=(85,1587) /gb=NM_031461 /gi=13899302 /ug=Hs.182364 /len=2667	Hs.182364	1
2943 ncr7666	COP9 subunit 6 (MOV34 homolog, 34 kD)(RefSeq aa 3e-61)	NP_006824.1	1
2944 BFCS0371	COX4AL	AF005888	1
2945 MIOA4602a	cp1508.seq.F Human fetal heart, Lambda ZAP Express cDNA 5'	AA248069	1
2946 ncr0395	CpG island DNA genomic Mse1 fragment, clone 60h1, reverse read cpg60h1.rt1a	Z61961.1	1
2947 ncr3811	CpG island DNA genomic Mse1 fragment, clone 70g11, reverse read cpg70g11.rt1a	Z62622.1	1
2948 hfcr1433	CSR2	AB007830.1	1
2949 ncr4774	CTD-2314M3	AC026273.7	1
2950 fcrb2124	CTP synthase (CTPS)	NM_001905.1	1
2951 seoa6830	CUB and Sushi multiple domains 1 (CSMD1), mRNA /cds=(285,10811) /gb=NM_033225 /gi=15100167 /ug=Hs.123468 /len=11301	Hs.123468	1
2952 FCR0226	CX3C chemokine precursor	U84487	1
2953 FCR1657	cystinosin	AJ222967	1
2954 FCR4892	cytokine SDF-1-beta (=L36033)	U16752	1
2955 FCR4824	cytokine-like factor-1 precursor (CLF-1)	AF059293	1
2956 ncr5372	D15F37 pseudogene, S4 allele	AF041081.1	1
2957 hfcr5198	D54 isoform (hD54)	AF004429.1	1
2958 hfcr0954	DAN gene	D89013	1
2959 ncr8901	dbpB-like protein	L28809.1	1

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2960 ncr4332	DC11 protein (RefSeq aa 3e-63)	NP_064571.1	1
2961 ncr0749	DC6 protein (RefSeq aa 2e-52)	NP_064574.1	1
2962 FCR4024	D-dopachrome tautomerase (=U49785; Y11151)	AF058293	1
2963 seob6823	DEAD (aspartate-glutamate-alanine-aspartate) box polypeptide 6 (Ddx6)	NM_007841.1	1
2964 seob4726	differentiation-related gene 1 (nickel-specific induction protein) (RTP)	NM_006096.1	1
2965 ncr0747	dJ1158H2.1 (novel protein similar to D. melanogaster CG11048 and CG8959)	CAC05315.1	1
2966 ncr09217	dJ28H20.2 (novel protein)	CAC00561.1	1
2967 ncr4545	dJ671D7.1 (similar to D. melanogaster CG5986 protein)	CAC04152.1	1
2968 ncr4808	dJ756N5.2 (A novel protein (DKFZp727M231) similar to Trp4-associated protein TAP1 (ABCB2))	CAC14946.1	1
2969 miob4692	dJ93K22.1 (novel protein (contains DKFZP564B116))	AL050333	1
2970 MIOA6053a	Dlgh1 homologue	U93309	1
2971 mioa9714	DMBT1 candidate tumour suppressor gene, exons 1 to 55(low match)	AJ243211.1	1
2972 hfc9258	DMR-N9 myotonic dystrophy kinase (DM kinase) gene	L08835.1	1
2973 BFCW0102n	DNA containing putative Ac-like transposon	Y17156	1
2974 seob5726	DNA for tob family, complete cds	D78382.1	1
2975 ncr8456	Down syndrome critical region gene 1-like 1	NM_005822.1	1
2976 SEOB3485	down-regulator of transCRIPTION 1, TBP-binding (negative cofactor 2) (DR1)	NM_001938.1	1
2977 SEOA6654a	DROME TWISTED GASTRULATION PROTEIN PRECURSOR	spP54356	1
2978 ncrb4224	DSCR5a	AB037162.1	1
2979 ncr1885	dUTP pyrophosphatase (DUT)	NM_001948.1	1
2980 ncrb4145	DVS27-related protein	BAA75892.1	1
2981 FCR2684	DXS8237E (=D50912 hypothetical protein (KIAA0122))	U35373	1
2982 fCR0558	dye	U77595	1
2983 ncr6861	E46 protein	AF119662.1	1
2984 ncr1995	early B-cell transcription factor (EBF)	AF208502.1	1
2985 hfc5737	early development regulator 2 (homolog of polyhomeotic 2) (EDR2), mRNA	NM_004427.1	1
2986 FCR0470	EB1	U24166	1
2987 fcrb2207	EF1a-like protein	AF267861.1	1
2988 ncr0103	endogenous retrovirus H HERV-H/env62 proviral copy, clone 231E12	AJ289709.1	1
2989 MIOA2421a	endogenous retrovirus HERV-K102	AF164610.1	1
2990 FCR4040	endogenous retrovirus type C oncovirus sequence	M74509	1
2991 MIOA0478	envelope protein	AF164615	1
2992 FCR3559	EPC-1 (=M76979 PEDF;U29953;M90493)	U57446	1
2993 MIOA2981a	ER1 (=AB033019 KIAA1193) (67% aa)	AF015454	1
2994 hfc8796	erbB2-interacting protein ERBIN	NM_018695.1	1
2995 FCR5006	ERp28 protein	X94910	1
2996 mioa0573a	esophageal cancer related gene 4 protein (ECRG4), mRNA /cds=(108,554) /gb=NM_032411 /gi=14165275 /ug=Hs.43125 /len=772	Hs.43125	1
2997 ncr0927	ETAA16 protein (RefSeq aa 1e-75)	NP_061875.1	1

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2998	SEOA8266	EXOSTOSIN-1 (PUTATIVE TUMOR SUPPRESSOR PROTEIN EXT1) (MULTIPLE EXOSTOSES PROTEIN 1)	spQ16394	1
2999	mioa9865	F1D9.26~unknown protein [Arabidopsis thaliana](71%ORF)	BAA97098.1	1
3000	hfc3518	faciogenital dysplasia (Aarskog-Scott syndrome) (FGD1), mRNA	NM_004463.1	1
3001	fcrb2575	f-box and leucine-rich repeat protein 11 (FBXL11), mRNA	XM_040025.2	1
3002	fcrb2622	f-box and leucine-rich repeat protein 3A (FBXL3A), mRNA	NM_012158.1	1
3003	fcrb1550	FEZ2 protein (FEZ2)	AF113124.1	1
3004	miob4712	fgr proto-oncogene encoded p55-c-fgr protein	M19722.1	1
3005	SEOA2784	FH1/FH2 domain-containing protein FHOS (FHOS)	AF113615.1	1
3006	ncrc8903	FLAME-1	AAB70909.1	1
3007	SEOA0424n	fosB	X14897	1
3008	hfc3214	FT005 protein (FT005)	NM_014054.1	1
3009	mioa7908	fused in glioblastoma mRNA, complete cds /cds=(207,1571) /gb=AY033606 /gi=14289128 /ug=Hs.23120 /len=4567	Hs.23120	1
3010	fcrb1547	FXD domain-containing ion transport regulator 6 (FXD6)	NM_022003.1	1
3011	ncr4466	G antigen 1	XP_010196.1	1
3012	ncr4503	G9011 gene product	AAF52302.2	1
3013	FCR0149	ganglioside-induced differentiation associated protein 3	Y17852	1
3014	ncr4647	GASC-1	AB037901.1	1
3015	ncrc7131	gcp372	BAA05025.1	1
3016	MIOA5614a	GEC-1 (gec-1)	AF012920	1
3017	FCR2660	GEF-2	AB003515	1
3018	MIOA4196	GEG-154 mRNA	X71642	1
3019	miob4581	gene 33 polypeptide	M23572.1	1
3020	ncr5066	gene encoding HLA-Cw6	Z22754.1	1
3021	ncr8733	gene_id:F1D9.26~unknown protein	AP002460	1
3022	seoa8004	GILZ, complete cds /cds=(233,637) /gb=AB025432 /gi=11527558 /ug=Hs.75450 /len=2028	Hs.75450	1
3023	ncr7411	GK001 protein (GK001),	NM_020198.1	1
3024	ncrc3856	GK003 (GK003)	AF226046.1	1
3025	ncrc5565	GL002 protein (GL002)	NM_020193.1	1
3026	SEOA0023	golgi antigen gcp372	D25542.1	1
3027	hfc37558	GSTM3 gene for a glutathione S-transferase Mu class protein	X56838.1	1
3028	hfc3729	Gx protein	AF120103.1	1
3029	SEOA5848	hamartin (TSC1)	AF013168	1
3030	miob6419	haplotype D6 beta-globin (HBB) gene, replication origin initiation region and partial cds	AF186620.1	1
3031	ncrc5245	hBKL for basic kruppel like factor (LOC51274)	NM_016531.1	1
3032	ncrb3702	HBV associated factor(XAP4)	NM_006462.1	1
3033	ncr4790	HC71C	AF177343.1	1
3034	seoa0102m	hCDC10=CDC10 homolog	S72008	1
3035	SEOA4398a	hcgVIII protein	X92110	1

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3036 seoa7681a	HCMOGT-1 mRNA for sperm antigen, complete cds /cds=(144,2423) /gb=AB041533 /gi=10798803 /ug=Hs.15053 /len=2725	Hs.15053	1
3037 seob4079	HDCMB12P	AF067802.1	1
3038 ncr8865	HDCMC04P	AF067804.1	1
3039 fcrb1380	HDCMC28P protein (HDCMC28P)	NM_016649.1	1
3040 ncr6841	HELG protein (HELG)	NM_018412.1	1
3041 ncr7789	hematopoietic stem/progenitor cells protein MDS027 (MDS027), mRNA	NM_018462.1	1
3042 hfcr2505	HF.12 gene	X07290.1	1
3043 ncrb2992	HGTD-P (HGTD-P) (=E2IG5)	AF201944.1	1
3044 FCR6811	HIS1 protein	AB021179	1
3045 FCR7667	hMSH6	U73737	1
3046 mioa9630	homolog of yeast mutL (hPMS1) gene	U13695.1	1
3047 SEOA5544a	hook1 protein (69% aa)	AF044923	1
3048 fcrb2552	HOTTL protein mRNA, complete cds	AF078842.1	1
3049 FCR5222	HPBR11-4	X67337	1
3050 FCR2079	hSLK (=D86959 hypothetical protein (KIAA0204))	AB002804	1
3051 ncr5717	HSPC006	AF070662.1	1
3052 fcrb2545	HSPC009 protein (HSPC009), mRNA	NM_014019.1	1
3053 SEOB1891	HSPC028	AF083246.1	1
3054 ncr6495	HSPC030	AF085359.1	1
3055 SEOA4727a	HSPC031 mRNA,=CGI-37 protein (ORF)	AF085360	1
3056 seob6558	HSPC038 protein (LOC51123)	NM_016096.1	1
3057 ncr9159	HSPC040 protein (RefSeq aa 1e-58)	NP_057182.1	1
3058 MIOA3673a	HSPC042 protein (contains Alu repeat)	AF125096.1	1
3059 hfcr6628	HSPC049 protein (HSPC049)	NM_014149.1	1
3060 SEOB2148	HSPC055 protein (HSPC055) (=FLJ11007 fis)	NM_014153.1	1
3061 ncr3624	HSPC056 protein (HSPC056)	NM_014154.1	1
3062 hfcr0731	HSPC059 protein (HSPC059)	NM_016536.1	1
3063 SEOB0339	HSPC071	AF161556.1	1
3064 ncr2401	HSPC092	AF161355.1	1
3065 ncr2393	HSPC093 (aa 9e-13,65%)	AAF28916.1	1
3066 SEOB0008	HSPC121 (=B-ind1 protein)	AAF29085.1	1
3067 SEOA3694a	HSPC125	AF161474	1
3068 ncrb3317	HSPC126 protein (RefSeq aa 4e-46)	NP_054885.1	1
3069 ncrb7667	HSPC140 (=SUMO-1-activating enzyme E1 N subunit (SUA1))	AF161489.1	1
3070 fcrb1489	HSPC141 protein (HSPC141)(= sex-regulated protein janus-a mRNA)	XM_038043.1	1
3071 ncr0859	HSPC144 protein (RefSeq aa 1e-69)	NP_054893.1	1
3072 hfcr0010	HSPC145	AF161494.1	1
3073 MIOA8810	HSPC151	AAF29115.1	1
3074 miob4037	HSPC154 protein (HSPC154)	NM_014177.1	1
3075 SEOB0375	HSPC155	AF161504.1	1
3076 ncr4859	HSPC160 protein (RefSeq aa 5e-77)	NP_054901.1	1
3077 fcrb1801	HSPC164	XM_009549.4	1
3078 ncr0292	HSPC173 mRNA,	AF161521.1	1
3079 ncrb1519	HSPC174	AF161522.1	1
3080 fcrb1940	HSPC176	AF161524.1	1
3081 seoa6772	HSPC177	BC016698.1	1
3082 ncr9108	HSPC182 protein (HSPC182)	NM_014188.1	1

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3083 SEOB2149	HSPC184	AF151018.1	1
3084 ncr9324	HSPC187	AF151021.1	1
3085 hfcr9283	HSPC197	AF151031.1	1
3086 hfcr6243	HSPC199	AF151033.1	1
3087 ncrb2108	HSPC209	AF151043.1	1
3088 MIOA3471a	HSPC210	AF151044	1
3089 miob0167	HSPC212	AF151046.1	1
3090 SEOB1748	HSPC235	AF151069.1	1
3091 ncr5613	HSPC240	AF151074.1	1
3092 SEOB0394	HSPC245	AF151079.1	1
3093 SEOA8750	HSPC261 (=DKFZp564B0769.1)	AAF28939.1	1
3094 ncr4383	HSPC273 (=KIAA1192)	AF161391.1	1
3095 ncrb4620	HSPC274 protein (RefSeq aa 1e-38)	NP_054864.1	1
3096 ncr3927	HSPC299	AF161417.1	1
3097 ncr8171	HSPC301	AF161419.1	1
3098 ncrb5909	HSPC306	AF161424.1	1
3099 ncr9877	HSPC311	AF161429.1	1
3100 SEOB1187	HSPC331 (=SPF31)	AAF29009.1	1
3101 fcrb0376	HT002 protein (HT002)	NM_014066.1	1
3102 HFCR3149	HT015 protein (HT015)	AF223466.1	1
3103 FCR0706	HU-K4	U60644	1
3104 hfcr0963	human homolog of a mouse imprinted gene	AB006625	1
3105 ncr6376	HUT11 protein mRNA, partial 3' UTR	AF263545.1	1
3106 ncr8856	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit (HADHB)	NM_000183.1	1
3107 ncr7595	hypothalamus protein HBEX2	XP_010123.1	1
3108 SEOA7223a	hypothalamus protein HT001 (=AF225981 calcium transport ATPase ATP2C1)	AF113539	1
3109 ncr9055	hypothetical brain protein similar to X96994 BR-1 protein (Helix pomatia) (LOC56412)	NM_019836.1	1
3110 seoa1028m	hypothetical gap protein	CAB63561.1	1
3111 seoa8075	hypothetical gene (AK026938 (LOC91933))	XM_041609.2	1
3112 fcrb2150	hypothetical gene (AL137319; NM_017586) (LOC115423)	XM_011838.3	1
3113 fcr5736	hypothetical gene (BC009875; BC014023 (LOC115010))	XM_055021.1	1
3114 fcrb2120	hypothetical gene (LOC87167)	XM_016787.2	1
3115 fcrb1451	hypothetical gene (LOC87240)	XM_015947.2	1
3116 fcrb2133	hypothetical gene (LOC96648)	XM_055006.1	1
3117 fcrb1345	hypothetical gene AK023725 (LOC92923)	XM_048072.1	1
3118 fcrb2307	hypothetical gene supported by AF055004 (LOC93477), mRNA	XM_051593.3	1
3119 fcrb2353	hypothetical gene supported by AF132973; BC000589; BC009189; NM_015965 (LOC112763), mRNA	XM_048487.3	1
3120 seoa4973a	hypothetical gene supported by AF267861; AK026650 (LOC88021), mRNA	XM_016170.4	1
3121 seoa4964a	hypothetical gene supported by AK027830; AL137274 (LOC126897), mRNA	XM_072050.1	1
3122 fcrb2693	hypothetical gene supported by AL096738; BC013144 (LOC115576),	XM_047202.2	1



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3123 fcrb2320	hypothetical gene supported by AL137544 (LOC90025), mRNA	XM_028218.2	1
3124 fcrb2350	hypothetical gene supported by BC008765 (LOC130852), mRNA	XM_059474.1	1
3125 fcrb2474	hypothetical gene supported by BC009329 (LOC121573), mRNA	XM_071761.1	1
3126 fcrb2305	hypothetical gene supported by BC009875; BC014023 (LOC138327), mRNA	XM_072528.1	1
3127 fcrb2331	hypothetical gene supported by D38441; AF141383; BC000362; BC001826; NM_001640 (LOC95915), mRNA	XM_002828.5	1
3128 fcr3149	hypothetical gene supported by U60644 (LOC126527)	XM_047409.2	1
3129 ncr3706	hypothetical gene supported by XM_000590 (LOC59176)	XM_000590.1	1
3130 mioa7859	hypothetical gene supported by XM_059059 (LOC126616), mRNA	XM_059059.1	1
3131 seoa8017	hypothetical gene supported by Y10313; BC001272; NM_001550 (LOC95049), mRNA	XM_011551.5	1
3132 ncr4218	hypothetical protein	B34087	1
3133 ncr6741	hypothetical protein	CAB43380.1	1
3134 ncr3596	hypothetical protein	CAB55973.1	1
3135 ncr4875	hypothetical protein	CAB70761.1	1
3136 ncr1168	hypothetical protein (aa 2e-27)	NP_062551.1	1
3137 fcrb2118	hypothetical protein (CL25084)	XM_056548.1	1
3138 seoa8161	hypothetical protein (LOC51060), mRNA	XM_045762.1	1
3139 seoa8108	hypothetical protein (LOC51255), mRNA /cds=(0,461) /gb=NM_016494 /gi=7706038 /ug=Hs.11156 /len=462	Hs.11156	1
3140 ncr6332	hypothetical protein (LOC51315)	NM_016618.1	1
3141 fcrb1580	hypothetical protein (MGC4175)	XM_016063.2	1
3142 fcrb1560	hypothetical protein (MGC4415)	XM_050738.2	1
3143 ncr7926	Hypothetical protein (non-exact 37-54% a.a.)	NP_061952.1	1
3144 mioa1183m	hypothetical protein (ORF)(48%)	AL050011	1
3145 ncr9947	hypothetical protein (RefSeq aa 2e-38)	NP_056198.1	1
3146 ncr4996	hypothetical protein (RefSeq aa 2e-60)	NP_057280.1	1
3147 ncr0573	hypothetical protein (RefSeq aa 3e-61)	NP_056999.1	1
3148 ncr5907	hypothetical protein (RefSeq aa 5e-50)	NP_057169.1	1
3149 ncr1593	hypothetical protein (RefSeq aa 5e-63)	NP_056158.1	1
3150 ncrb8383	hypothetical protein (RefSeq aa 9e-33)	NP_057711.1	1
3151 ncr6015	hypothetical protein (RefSeq aa 9e-43)	NP_057701.1	1
3152 fcrb1775	hypothetical protein (XP_029545)	XP_029545.1	1
3153 ncrb7994	hypothetical protein ASH1 (RefSeq aa 2e-68)	NP_060959.1	1
3154 mioa0347m	hypothetical protein clone 24952 mRNA	AF131758	1
3155 ncr5310	hypothetical protein HDCMC04P	XP_004843.1	1
3156 fcrb2746	hypothetical protein IMAGE3455200 (IMAGE3455200), mRNA	NM_024006.1	1
3157 fcrb2460	hypothetical protein MGC10753 (MGC10753), mRNA	NM_016628.1	1
3158 seoa7983	hypothetical protein MGC10947 (MGC10947), mRNA /cds=(906,1223) /gb=NM_032674 /gi=14249241 /ug=Hs.326740 /len=2090	Hs.326740	1
3159 mioa7637a	hypothetical protein MGC14433 (MGC14433), mRNA /cds=(174,326) /gb=NM_032904 /gi=14249675 /ug=Hs.83572 /len=1797	Hs.83572	1

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3160 fcrb2163	hypothetical protein MGC14833 (MGC14833)	XM_042640.1	1
3161 seoa7856a	hypothetical protein MGC2217 (MGC2217), mRNA /cds=(192,449) /gb=NM_024300 /gi=13236525 /ug=Hs.323164 /len=1669	Hs.323164	1
3162 fcrb2671	hypothetical protein MGC2744, clone MGC:4371 IMAGE:2823004, mRNA, complete cds	BC019324.1	1
3163 seoa7049	hypothetical protein MGC2827 (MGC2827), mRNA /cds=(189,935) /gb=NM_023940 /gi=13027611 /ug=Hs.8035 /len=1988	Hs.8035	1
3164 fcrb2102	hypothetical protein MGC3178 (MGC3178)	XM_037853.1	1
3165 fcrb2034	hypothetical protein MGC3200 (MGC3200)	XM_034630.1	1
3166 seoa4929a	hypothetical protein MGC3251 (MGC3251), mRNA /cds=(93,797) /gb=NM_032016 /gi=14042926 /ug=Hs.13467 /len=1591	Hs.13467	1
3167 fcrb1353	hypothetical protein MGC4174 (MGC4174)	XM_018439.2	1
3168 fcrb2449	hypothetical protein MGC5306 (MGC5306), mRNA	XM_048376.1	1
3169 mioa7650a	hypothetical protein similar to mouse Dnajl1 (DNAJL1), mRNA /cds=(202,1224) /gb=NM_022365 /gi=11641286 /ug=Hs.13015 /len=1350	Hs.13015	1
3170 ncrb3165	HYPOTHETICAL PROTEIN ZAP3	P49750	1
3171 seoa4957a	hypothetical protein, clone MGC:19514 IMAGE:4040098, mRNA, complete cds	BC011720.1	1
3172 seoa4901a	hypothetical protein, clone MGC:20386 IMAGE:4564286, mRNA, complete cds	BC015919.1	1
3173 ncrb8569	hypothetical protein, expressed in osteoblast (GS3686)	NM_006820.1	1
3174 mioa7844a	I factor (complement) (IF), mRNA /cds=(14,1765) /gb=NM_000204 /gi=4504578 /ug=Hs.36602 /len=1963	Hs.36602	1
3175 ncrb3298	ID YG39-2B	AJ227863.1	1
3176 ncrb9481	IFI16b (IFI16b)	AF208043.1	1
3177 ncrb6994	Ikb kinase-b(IKK-beta) mRNA, complete cds	AF080158.1	1
3178 ncr4680	IL0-CT0080-030899-107-c07 CT0080	AW062569.1	1
3179 seoa8050	I-mfa domain-containing protein (HIC), mRNA	XM_041273.1	1
3180 MIOA9007	implantation-associated protein (IAG2) (ORF)	AF008554	1
3181 SEOB0625	INE2	Y10697.1	1
3182 ncr9961	infant brain mRNA, clone 13cDNA65	U57962.1	1
3183 SEOA5833	ING1Lp	AB012853.1	1
3184 FCR5123	inner mitochondrial membrane translocase Tim1+D23777b, nuclear gene encoding mitochondrial protein (=AF077039)	AF034790	1
3185 seob5812	insulin induced gene 1 (INSIG1)	NM_005542.1	1
3186 hfc3552	integrative vector pRS306 with URA3 marker, complete sequence	U03438.1	1
3187 ncrb0299	interferon-induced, hepatitis C-associated microtubular aggregate protein (44kD) (MTAP44)	NM_006417.1	1
3188 ncr1802	intracisternal A particle-promoted polypeptide (IPP)	NM_005897.1	1
3189 seoa4925a	IRA1 mRNA, complete cds, alternatively spliced /cds=(160,1704) /gb=AF268193 /gi=12006103 /ug=Hs.315111 /len=3885	Hs.315111	1
3190 hfc7411	Isoform 1 from chromosome 22	AL359401.1	1

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3191 hfc9573	isoform 2 of a novel human mRNA from chromosome 22(=Isoform 1 of a novel human mRNA from chromosome 22)	AL160112.1	1
3192 hfc3893	ITBA2 protein(ORF)	X92896.1	1
3193 MIOA8594	J domain containing protein 1 isoform a	AAD52650.1	1
3194 fcrb2156	JAZF1 (JJAZ1)	XM_050093.1	1
3195 seob4537	jerky (mouse) homolog-like (JRKL)	NM_003772.1	1
3196 ncr3587	kappa B-ras	AF229839.1	1
3197 SEOB0034	KFZp586B1821	AL133114.1	1
3198 SEOA0353	KH domain RNA binding protein QKI-5B	AF090403.1	1
3199 FCR4566	KIAA0008	D13633	1
3200 SEOB1269	KIAA0013	D87717.1	1
3201 ncr6749	KIAA0020 gene product (KIAA0020)	NM_014878.1	1
3202 SEOA7926a	KIAA0029	D21852	1
3203 MIOB1520	KIAA0033	D26067.1	1
3204 ncrb8204	KIAA0035 gene	D21262.1	1
3205 ncr0829	KIAA0051 gene	D29640.1	1
3206 ncrb8638	KIAA0052 protein, partial cds	D29641.2	1
3207 seob5711	KIAA0063 gene product (KIAA0063)	NM_014876.1	1
3208 ncr1595	KIAA0078 gene	D38551.1	1
3209 hfc8902	KIAA0088 gene, partial cds	D42041.1	1
3210 ncr1523	KIAA0089 gene	D42047.1	1
3211 hfc9122	KIAA0091 gene	D42053.1	1
3212 FCR1992	KIAA0096	D43636	1
3213 MIOA3503a	KIAA0098 (chaperonin containing TCP-1)	D43950	1
3214 FCR4376	KIAA0101	D14657	1
3215 seoa0993m	KIAA0108 (golgi 4-transmembrane spanning transporter MTP)	D14696	1
3216 ncr6142	KIAA0109 gene	D63475.1	1
3217 FCR6801	KIAA0110	D14811	1
3218 fcrb2054	KIAA0123 protein (KIAA0123)	XM_054752.1	1
3219 FCR0419	KIAA0150	D63484	1
3220 FCR2220	KIAA0154	D63876	1
3221 ncrb3363	KIAA0157 gene, partial	D63877.1	1
3222 ncr3121	KIAA0171 gene product (KIAA0171)	NM_014666.1	1
3223 MIOA2696a	KIAA0184	D80006	1
3224 ncr5488	KIAA0190 gene	D80012.1	1
3225 seob5100	KIAA0193 gene product (KIAA0193)	NM_014766.1	1
3226 SEOA4128a	KIAA0197 gene	D83781	1
3227 hfc7277	KIAA0200 gene	NM_014757.1	1
3228 hfc7098	KIAA0220	D86974.1	1
3229 hfc1793	KIAA0224	NM_014003.1	1
3230 MIOA1049	KIAA0240	D87077	1
3231 seoa8018	KIAA0247 gene product (KIAA0247), mRNA /cds=(268,1179) /gb=NM_014734 /gi=7662019 /ug=Hs.82426 /len=5338	Hs.82426	1
3232 ncrb8515	KIAA0257 gene, partial cds	D87446.1	1
3233 ncr3313	KIAA0259	D87448.1	1
3234 fcrb1635	KIAA0263 protein	D87452.1	1
3235 ncr3016	KIAA0268 gene	D87742.1	1
3236 ncr7712	KIAA0271 gene	D87461	1

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3237 seoa6776	KIAA0280 gene, partial cds /cds=UNKNOWN /gb=D87470 /gi=1665822 /ug=Hs.75400 /len=6837	Hs.75400	1
3238 SEOA9690	KIAA0281 gene product	NM_014800.1	1
3239 ncr1982	KIAA0286 gene	AB006624.1	1
3240 ncr3258	KIAA0290 (non-exact match 80% a.a.)	BAA22959.1	1
3241 miob1126	KIAA0294	NM_014629.1	1
3242 seob6871	KIAA0297 gene	AB002295.1	1
3243 ncr7456	KIAA0301 gene	AB002299.1	1
3244 ncr4590	KIAA0305 gene product (RefSeq aa 2e-32)	NP_055548.1	1
3245 hfcr9170	KIAA0323 gene	AB002321.1	1
3246 FCR1204	KIAA0337	AB002335	1
3247 FCR4727	KIAA0361	AB002359	1
3248 FCR3389	KIAA0365	AB002363	1
3249 seob8196	KIAA0367	AB002365.1	1
3250 MIOB1493	KIAA0373	AB002371.1	1
3251 ncr1550	KIAA0391 gene product (RefSeq aa 2e-31)	NP_055487.1	1
3252 hfcr8485	KIAA0393	AB002391.2	1
3253 SEOB0783a	KIAA0395	AB007855.1	1
3254 fcrb1945	KIAA0397 gene product (KIAA0397)	XM_029438.1	1
3255 ncr4654	KIAA0399	AB007859.2	1
3256 FCR2641	KIAA0402	AB007862	1
3257 FCR6224	KIAA0405	AB007865	1
3258 hfcr6689	KIAA0407	AB007867.1	1
3259 ncr4399	KIAA0409	AB007869.1	1
3260 SEOA4055	KIAA0416	AB007876	1
3261 hfcr9090	KIAA0418 gene	NM_014631.1	1
3262 MIOA6690a	KIAA0430	AB007890	1
3263 FCR5679	KIAA0437	AB007897	1
3264 SEOA1080a	KIAA0441	AB007901	1
3265 ncr2796	KIAA0442	AB007902.1	1
3266 FCR6876	KIAA0445	AB007914	1
3267 MIOA8742	KIAA0469	AB007938	1
3268 MIOA9025	KIAA0473 gene product	NM_014787.1	1
3269 FCR4804	KIAA0487 chromosome 1 specific transCRipt)	AB007956	1
3270 ncr7136	KIAA0494	NM_014774.1	1
3271 SEOA9377	KIAA0511 protein	AB011083	1
3272 MIOA8733	KIAA0516	BAA25442.1	1
3273 seob7463	KIAA0517 protein	AB011089.1	1
3274 ncr7815	KIAA0518 (=mouse Mad5)	AB011090.1	1
3275 FCR6427	KIAA0524	AB011096	1
3276 SEOB1968	KIAA0528	AB011100.2	1
3277 FCR6691	KIAA0529	AB011101	1
3278 seob6008	KIAA0532	AB011104.1	1
3279 SEOA1559	KIAA0536	AB011108	1
3280 ncr2701	KIAA0538 protein, partial cds	AB011110.2	1
3281 SEOA9160	KIAA0549 protein	AB011121	1
3282 MIOA8872	KIAA0554 (=DKFZp564O1116)	AB011126	1
3283 MIOA7215a	KIAA0565	AB011137	1
3284 SEOB0241	KIAA0584	AB011156.1	1
3285 FCR3593	KIAA0593	AB011165	1
3286 hfcr6541	KIAA0601	AB011173.1	1
3287 FCR5630	KIAA0608	AB011180	1

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3288 MIOA5427a	KIAA0614	AB014514	1
3289 FCR1555	KIAA0615	AB014515	1
3290 miob5967	KIAA0621	NM_015071.1	1
3291 ncr5061	KIAA0625	AB014525.1	1
3292 ncrb7657	KIAA0627 protein	AB014527.1	1
3293 SEOA1803a	KIAA0628	AB014528	1
3294 MIOA8275	KIAA0643	AB014543	1
3295 FCR3445	KIAA0644	AB014544	1
3296 seob6066	KIAA0647 protein	AB014547.1	1
3297 FCR3857	KIAA0649 (=L11910 retinoblastoma susceptibility gene)	AB014549	1
3298 ncr6148	KIAA0650	AB014550.1	1
3299 FCR0291	KIAA0652	AB014552	1
3300 hfcr0717	KIAA0657 protein	AB014557.1	1
3301 ncr2700	KIAA0658	AB014558	1
3302 ncrb0664	KIAA0668 protein	AB014568.1	1
3303 FCR7684	KIAA0669	AB014569	1
3304 mioa9523	KIAA0677 gene product (KIAA0677)	NM_014663.1	1
3305 SEOA9538	KIAA0678	AB014578	1
3306 seob4584	KIAA0690 protein	AB014590.1	1
3307 fcrb2257	KIAA0700 protein (KIAA0700)	XM_050561.2	1
3308 mioa7728a	KIAA0707 protein, partial cds /cds=UNKNOWN /gb=AB014607 /gi=3327227 /ug=Hs.234786 /len=6359	Hs.234786	1
3309 MIOA0937	KIAA0714	AB018257.1	1
3310 MIOA8925	KIAA0721	AB018264.1	1
3311 hfcr6501	KIAA0726	NM_014718.1	1
3312 ncr0761	KIAA0733	AB018276.1	1
3313 FCR5029	KIAA0737	AB018280	1
3314 ncr3391	KIAA0742	AB018285.1	1
3315 fcrb2169	KIAA0752 protein (KIAA0752)	XM_040324.1	1
3316 mioa9804	KIAA0758 protein	AB018301	1
3317 hfcr2148	KIAA0764	NM_014860.1	1
3318 hfcr3435	KIAA0774	AB018317.1	1
3319 miob3465	KIAA0781	AB018324.1	1
3320 SEOA8239	KIAA0784	AB018327.1	1
3321 ncr8153	KIAA0788	AB018331.1	1
3322 ncrb0773	KIAA0790 protein	AB018333.1	1
3323 fcrb2738	KIAA0795 protein (KIAA0795), mRNA	XM_016166.3	1
3324 ncrb4536	KIAA0798 gene product (KIAA0798)	NM_014650.1	1
3325 ncr59530	KIAA0801 gene product (RefSeq aa 3e-73)	NP_055644.1	1
3326 ncr5405	KIAA0823 protein, partial cds	AB020630.1	1
3327 seob5423	KIAA0826	AB020633	1
3328 SEOA0116	KIAA0831	AB020638.1	1
3329 ncrb1314	KIAA0836 protein	AB020643.1	1
3330 hfcr4063	KIAA0840 protein	AB020647.1	1
3331 ncr9351	KIAA0856	AB020663.1	1
3332 seob4545	KIAA0857 protein (=DKFZp434H018)	AB020664.1	1
3333 ncrb8091	KIAA0859	AB020666.2	1
3334 FCR4592	KIAA0860	AB020667	1
3335 ncrb2131	KIAA0866 protein	AB020673.1	1
3336 miob0189	KIAA0867	NM_014938.1	1

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3337 ncr7173	KIAA0874	AB020681.1	1
3338 SEOA3633a	KIAA0878 (contains Alu repeat)	AB020685.1	1
3339 SEOB1411	KIAA0879 protein (KIAA0879)	NM_014936.1	1
3340 SEOA4783a	KIAA0883	AB020690	1
3341 ncr0090	KIAA0887 protein,	AB020694.1	1
3342 seob1054	KIAA0890 protein (KIAA0890)	NM_014966.1	1
3343 hfcr2740	KIAA0892	AB020699.1	1
3344 MIOA2172a	KIAA0898	AB020705.1	1
3345 hfcr7808	KIAA0908 protein	AB020715.1	1
3346 ncr5822	KIAA0912	AB020719.1	1
3347 hfcr0237	KIAA0922	AB023139.1	1
3348 SEOA6172a	KIAA0923	AB023140.1	1
3349 MIOA9103	KIAA0926 protein (KIAA0926),	NM_014922.1	1
3350 HFCR2391	KIAA0937	AB023154.1	1
3351 ncr4139	KIAA0940 protein (RefSeq aa 3e-75)	NP_055727.1	1
3352 SEOA5525a	KIAA0941	AB023158.1	1
3353 hfcr8533	KIAA0946	AB023163.1	1
3354 SEOB2242	KIAA0949	AB023166.1	1
3355 SEOA9921	KIAA0951 protein (KIAA0951),	NM_014893.1	1
3356 ncrb5233	KIAA0957 protein (RefSeq aa 1e-33)	NP_055757.1	1
3357 hfcr6626	KIAA0961 protein	NM_014898.1	1
3358 hfcr0270	KIAA0962(=DKFZp564D022)	AB023179.1	1
3359 fcrb1168	KIAA0974	AB023191	1
3360 ncr2807	KIAA0979 protein	BAA76823.1	1
3361 mioa9788	KIAA0980	AB023197	1
3362 SEOA9099	KIAA0981	AB023198.1	1
3363 seob7668	KIAA0996	NM_014934.1	1
3364 ncr1578	KIAA1007 protein (KIAA1007)	NM_016284.1	1
3365 MIOA2423a	KIAA1018	AB023235.1	1
3366 ncr1503	KIAA1023	AB028946	1
3367 SEOA7186a	KIAA1028	AB028951.1	1
3368 SEOB0466	KIAA1031	AB028954.1	1
3369 hfcr7739	KIAA1041	NM_014947.1	1
3370 SEOA5933	KIAA1042	AB028965.1	1
3371 ncr0806	KIAA1044	AB028967.1	1
3372 ncrb2125	KIAA1046 protein (KIAA1046)	NM_014928.1	1
3373 SEOB0122	KIAA1049	AB028972.1	1
3374 MIOA2783a	KIAA1050	AB028973.1	1
3375 hfcr3011	KIAA1055	AB028978.1	1
3376 SEOA1365	KIAA1057	AB028980.1	1
3377 hfcr5620	KIAA1067	AB028990.1	1
3378 MIOA1068	KIAA1071	AB028994.1	1
3379 hfcr8052	KIAA1075 protein	AB028998.1	1
3380 ncrb3574	KIAA1078 protein,	AB029001.1	1
3381 ncr7037	KIAA1085	AB029008.1	1
3382 MIOA2995a	KIAA1093	AB029016.1	1
3383 ncr6856	KIAA1095 protein, partial cds	AB029018.1	1
3384 SEOA6315	KIAA1097	AB029020.1	1
3385 ncr9436	KIAA1098 protein	AB029021.1	1
3386 ncrb4175	KIAA1099 protein (KIAA1099)	NM_014914.1	1
3387 MIOA3773	KIAA1109	AB029032.1	1
3388 fcrb2145	KIAA1110 protein	AB029033.1	1

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3389	hfc5797	KIAA1114 protein (KIAA1114)	NM_016157.1	1
3390	ncrb3942	KIAA1116 protein (KIAA1116)	NM_014892.1	1
3391	ncr3677	KIAA1119 protein	AB032945.1	1
3392	seob4002	KIAA1122	AB032948	1
3393	ncr0662	KIAA1124	AK000716.1	1
3394	ncrc9421	KIAA1143 protein	AB032969.1	1
3395	ncrc9044	KIAA1146	AB032972.1	1
3396	miob3124	KIAA1147 protein	AB032973.1	1
3397	MIOB2601	KIAA1151	AB032977.1	1
3398	ncr7168	KIAA1156	AB032982.1	1
3399	ncrb8715	KIAA1164 protein, partial cds	AB032990.1	1
3400	ncr0594	KIAA1165	AB032991.1	1
3401	ncrb7194	KIAA1178	AB033004.1	1
3402	ncrc1949	KIAA1179	AB033005.1	1
3403	hfc2584	KIAA1180	AB033006.1	1
3404	hfc8837	KIAA1187 protein	AB033013.1	1
3405	ncrc0178	KIAA1197 protein, partial cds	AB033023.1	1
3406	mioa9398	KIAA1213 (low match)	AB033039	1
3407	MIOA8314	KIAA1214	BAA86528.1	1
3408	miob0207	KIAA1218	AB033044.1	1
3409	ncrb7635	KIAA1224	AB033050.1	1
3410	seob7549	KIAA1229	AB033055.1	1
3411	ncrb2847	KIAA1233 protein	AB033059.1	1
3412	SEOB0892a	KIAA1235	AB033061.1	1
3413	hfc7762	KIAA1242	AB033068.1	1
3414	seoa4945a	KIAA1243 protein, partial cds /cds=UNKNOWN /gb=AB033069 /gi=6330811 /ug=Hs.151076 /len=6384	Hs.151076	1
3415	fcrb1161	KIAA1255 (ANKHZN)	AB033081	1
3416	hfc6255	KIAA1274	AB033100.1	1
3417	ncrb2119	KIAA1279 protein	AB033105.1	1
3418	ncrc2868	KIAA1283	AB033109.1	1
3419	hfc7003	KIAA1294	AB037715.1	1
3420	hfc5254	KIAA1306	AB037727.1	1
3421	fcrb1229	KIAA1308	AB037729	1
3422	ncrc6556	KIAA1320	AB037741.1	1
3423	miob1371	KIAA1323	AB037744.1	1
3424	ncrc4344	KIAA1327	AB037748.1	1
3425	ncr7919	KIAA1328 protein	AB037749.1	1
3426	seob4822	KIAA1332	AB037753.1	1
3427	SEOA8696	KIAA1333	AB037754.1	1
3428	hfc0560	KIAA1335	AB037756.1	1
3429	ncr4436	KIAA1343	AB037764.1	1
3430	SEOA8923	KIAA1344	AB037765.1	1
3431	ncr2288	KIAA1352	AB037773.1	1
3432	fcrb1663	KIAA1353 protein (KIAA1353)	XM_035589.1	1
3433	hfc5114	KIAA1360	AB037781.1	1
3434	hfc8557	KIAA1365	AB037786.1	1
3435	ncrc3100	KIAA1367	AB037788.1	1
3436	MIOA8948	KIAA1373	AB037794.1	1
3437	hfc3756	KIAA1375 (PDCD6IP)	AB037796	1
3438	ncrb6656	KIAA1390protein	AB037811.1	1

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3439 hfc0624	KIAA1400 protein	AB037821.1	1
3440 seob4273	KIAA1403	AB037824	1
3441 hfc05865	KIAA1408 protein	AB037829.1	1
3442 ncr9373	KIAA1412 protein	AB037833.1	1
3443 ncr3961	KIAA1415 protein	AB037836.1	1
3444 fcrb1904	KIAA1417	AB037838.1	1
3445 hfc09821	KIAA1419 protein	AB037840.1	1
3446 ncr5746	KIAA1421 protein	AB037842.1	1
3447 seob8216	KIAA1430	AB037851.1	1
3448 SEOB1140	KIAA1432	AB037853.1	1
3449 ncrb4076	KIAA1434 protein	AB037855.1	1
3450 hfc06640	KIAA1435	AB037856.1	1
3451 hfc09729	KIAA1440 protein	AB037861.1	1
3452 mioa9709	KIAA1454 protein	AB040887.1	1
3453 hfc07706	KIAA1460	AB040893.1	1
3454 seob4263	KIAA1461 (ORF)	AB040894	1
3455 ncr4368	KIAA1462	AB040895.1	1
3456 hfc02960	KIAA1463	AB040896.1	1
3457 seob7180	KIAA1472	AB040905.1	1
3458 seob5761	KIAA1476 protein (=NM_013450.1 BAZ2B)	AB040909.1	1
3459 hfc06376	KIAA1478	AB040911.1	1
3460 fcrb1930	KIAA1483 protein (KIAA1483)	XM_045920.1	1
3461 hfc09586	KIAA1495 protein	AB040928.1	1
3462 hfc03404	KIAA1497	AB040930.1	1
3463 seob4383	KIAA1521	AB040954	1
3464 fcrb1439	KIAA1528 protein (KIAA1528)	XM_055933.1	1
3465 seob4147	KIAA1533 protein	AB040966.1	1
3466 ncr1941	KIAA1537	AB040970.1	1
3467 ncrb7394	KIAA1538 protein	AB040971.1	1
3468 ncrb3700	KIAA1558	AB046778	1
3469 ncrb7376	KIAA1562 protein	AB046782.1	1
3470 ncr4164	KIAA1565 protein, partial cds	AB046785.1	1
3471 ncrb4440	KIAA1571	AB046791.1	1
3472 seoa7790a	KIAA1572 protein, partial cds /cds=UNKNOWN /gb=AB046792 /gi=10047208 /ug=Hs.5638 /len=5609	Hs.5638	1
3473 SEOB0652	KIAA1573	AB046793	1
3474 ncrb1456	KIAA1578 protein	AB046798.1	1
3475 ncr7737	KIAA1590, low match	AB046810	1
3476 ncrb6661	KIAA1597	AB046817.1	1
3477 ncr0187	KIAA1600 protein,	AB046820.1	1
3478 ncrb3624	KIAA1604 protein	AB046824	1
3479 ncr4069	KIAA1624 protein, partial cds	AB046844.1	1
3480 ncr6107	KIAA1641	AB046861.1	1
3481 ncr3957	KIAA1655	AK000711.1	1
3482 seoa4930a	KIAA1790 protein, partial cds /cds=UNKNOWN /gb=AB058693 /gi=14017796 /ug=Hs.57760 /len=5370	Hs.57760	1
3483 fcr3140	KIAA1863 protein (KIAA1863)	XM_036104.2	1
3484 fcrb2144	KIAA1870 protein (KIAA1870)	XM_027025.2	1
3485 SEOB1574	kiaa-iso protein	AAF17242.1	1
3486 hfc5531	KIP gene	AB021866.1	1
3487 FCR2484	KNP-la (=U53007 GT335)	D86061	1



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3488 fcrb2396	Ksp37 protein (KSP37), mRNA	NM_031950.1	1
3489 MIOA2183a	Ku70-binding protein (low match)	AF078528	1
3490 MIOA6722a	Kunitz-type protease inhibitor (kop)	AF027205	1
3491 ncr5052	L1 repeat, Tf subfamily, member 18	NP_038602.1	1
3492 ncr6907	L1 repeat, Tf subfamily, member 26	NP_038604.1	1
3493 seoa7775a	latexin protein (LXN), mRNA /cds=(151,819) /gb=NM_020169 /gi=9910395 /ug=Hs.109276 /len=1049	Hs.109276	1
3494 SEOA4184a	LCN1b gene	Y10826	1
3495 ncr3968	LDC4 (=HSPC243)	AF247661.1	1
3496 miob1833	Leman coiled-coil protein (LCCP) (=AB023206.1 KIAA0989)	NM_016201.1	1
3497 FCR1633	LEYDIG CELL TUMOR 10 KD PROTEIN	spQ05310	1
3498 seob7346	ligase IV, DNA, ATP-dependent (LIG4)	NM_002312.1	1
3499 MIOA5599a	LIMULUS CLOTTING FACTOR C PRECURSOR (39%aa)	P28175	1
3500 FCR6044	lin-7-A	AF090133	1
3501 ncr1318	line-1 protein ORF1 - =M19503) ORF1; putative=(U93570) p40	A28096	1
3502 ncr8272	loss of heterozygosity, 11, chromosomal region 2, gene A (LOH11CR2A) (bcsc-1)	NM_014622.1	1
3503 miob3426	lost in inflammatory breast cancer tumor suppressor protein (LIBC)	AF143679.1	1
3504 seob3904	LPS-induced TNF-alpha factor (PIG7) mRNA	NM_004862.1	1
3505 hfc9387	m6A methyltransferase (MT-A70) gene	AF014837.1	1
3506 ncrb0220	m6b1	AF016004.1	1
3507 SEOA4425a	maCRophage inflammatory protein-2alpha (MIP2alpha)	X53799	1
3508 fcrb2203	macrophage myristoylated alanine-rich C kinase substrate (MACMARCKS)	XM_034535.1	1
3509 seob6570	match to AA908753 (NID:g3048158)	AAC83082.1	1
3510 seob4039	Mcl-1 (MCL-1) and Mcl-1 delta S/TM (MCL-1) genes	AF198614.1	1
3511 ncrb6640	MDS024(MDS024)	AF182423.1	1
3512 SEOA4333	MEGF2	AB011536	1
3513 SEOA8906	MEGF5	AB011538.1	1
3514 fcrb0132	MEGF6	AB011539	1
3515 seob4451	melanogaster TEP2 protein [Drosophila melanogaster]	AJ269539	1
3516 fcrb2262	Melanoma associated gene (D2S448)	XM_056455.1	1
3517 SEOA1400	melanoma-associated antigen p97 (melanotransferrin)	K03200	1
3518 MIOA4057a	melastatin 1 (70% aa)	AF071787	1
3519 MIOA4987a	membrane protein type II, (low match) clone:HP10481	AB015633	1
3520 ncr9491	meningioma expressed antigen 6(coiled-coil proline-rich) (RefSeq aa 2e-33)	NP_005921.1	1
3521 SEOA4012a	meningioma-expressed antigen 11 (MEA11)	U73682	1
3522 SEOA5717a	meningioma-expressed antigen 6 (MEA6)	U94780	1
3523 MIOA1885a	merosin	M59832	1
3524 hfc3511	mesenchymal stem cell protein DSC54 (LOC51334)= AF242769.1	M_016644.1	1
3525 ncr1393	metastasis associated 1 (MTA1)	NM_004689.1	1
3526 FCR0571	miCRosatellite sequence INRA095	X71569	1

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3527 MIOA3611a	miCRosatellite VNTR DNA	L07935	1
3528 FCR6018	MLN51	X80199	1
3529 FCR1984	MLN62	X80200	1
3530 SEOA9065	Mm-1 cell derived transplantability-associated 1b (hMmTRA1b)	NM_021105.1	1
3531 ncr9268	MpV17 transgene, murine homolog, glomerulosclerosis (MPV17)	NM_002437.1	1
3532 fcrb1477	mRNA similar to rat myomegalin	AB042557.1	1
3533 ncr4759	MSTP031	AAG39282.1	1
3534 fcrb1381	MSTP033 protein (MSTP033)	XM_029351.1	1
3535 SEOB1420	MUF1 protein (MUF1)	NM_006369.1	1
3536 ncr6878	mutS (E. coli) homolog 3 (RefSeq aa 1e-66)	NP_002430.1	1
3537 SOA0236	myelodysplasia/myeloid leukemia factor 1 (Mlf1)	AF100171	1
3538 fcrb1731	NDUFV3 gene for mitochondrial NADH-Ubiquinone oxidoreductase	AB038163.1	1
3539 hfcr2555	neural polypyrimidine tract binding protein (PTB)	AF176085.1	1
3540 seoa7011	neuritin (LOC51299), mRNA /cds=(168,596) /gb=NM_016588 /gi=7706122 /ug=Hs.103291 /len=1589	Hs.103291	1
3541 fcrb0102	NF2 gene	Y18000.1	1
3542 SEOA1399	NG,NG-dimethylarginine dimethylaminohydrolase	AB001915	1
3543 ncrb1540	NIBAN	AB050477.1	1
3544 miob1224	NICE-3 protein (clone 3038j13)	AJ243665.1	1
3545 ncrb8253	nitrilase 1 (NIT1)	NM_005600.1	1
3546 ncrb7941	NJAC protein (NJAC)	AF144103.1	1
3547 MIOA8380	nm23-H7 (NME7)	AF153191.1	1
3548 SEOB1093	Nmi	U32849.1	1
3549 ncr0797	N-myc and STAT interactor (RefSeq aa 4e-56)	NM_016508.1	1
3550 fcrb0146	NORI-1 (ORF)	AB010427	1
3551 fcrb2223	novel protein (HSNOV1)	XM_017365.2	1
3552 MIOA0972	NPD001	AF078853.1	1
3553 FCR2139	N-ras	X02751	1
3554 miob5489	nuclear body associated kinase 2b (Nbak2) (=AB014530.1 KIAA0630)	AF170304.1	1
3555 ncr5608	nucleobindin 2 (RefSeq aa 9e-90)	NP_005004.1	1
3556 SEOA4264a	nucleolar protein (KKE/D repeat) (NOP56) =Y12065,nucleolar protein hNop56	NM_006392.	1
3557 fcrb2647	nucleolar protein ANKT(ANKT), mRNA	NM_016359.1	1
3558 seoa6814	nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs) (NOLA3), mRNA /cds=(97,291) /gb=NM_018648 /gi=15011920 /ug=Hs.14317 /len=556	Hs.14317	1
3559 SEOA1720a	nucleotide-binding protein	U01833	1
3560 SEOB3518	NUMB	AF171941.1	1
3561 MIOA2165a	NY-REN-49 antigen	AF155111.1	1
3562 hfcr9111	NY-REN-57 antigen	AF155114.1	1
3563 SEOA4440	NY-REN-6 antigen (ORF)	AF155096	1
3564 miob5954	OBP1a gene	AJ251029.1	1
3565 SEOA7902a	okadaic acid-inducible phosphoprotein (OA48-18)	AF069250	1
3566 BFCW0310	Opa-interacting protein OIP5	AF025441	1
3567 miob1734	OPN-b (low match: aa 8e-06)	BAA05950.1	1
3568 ncrb0364	ORF1, encodes a 40 kDa product	AAB60344.1	1

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3569 ncr9019	ORF2 (aa 4e-15,65%)	BAA25253.1	1
3570 SEOA8213	ORF4	CAA37647.1	1
3571 ncrb3860	ORFII (X52235)(= LIN1_HUMAN LINE-1 REVERSE TRANSCRIPTASE HOMOLOG )	CAA36480.1	1
3572 miob3845	ORFYGR054w	CAA97056.1	1
3573 hfcr5875	OTF3 gene	Z11900.1	1
3574 hfcr1678	p150 (67% a.a.)	AAC51279.1	1
3575 ncr5568	P1-Cdc21 (=ALU8_HUMAN ALU SUBFAMILY SX SEQUENCE)	X74794.1	1
3576 ncr92131	P1cdc47 (=hMCM2) (=p85Mcm)	D55716.1	1
3577 miob0182	p21-activated protein kinase-like protein (non-exact match 34% a.a. identity)	AAF82310.1	1
3578 fcrb2523	P3ECSL (LIECG3), mRNA	NM_022164.1	1
3579 SEOA0728a	PA4=candidate oncogene	S82075	1
3580 ncrb5885	PAC 747L4 gene	AL035297.1	1
3581 hfcr6233	PAC P336P3 (12q24)	gi 2961441	1
3582 SEOA6895	PAI-1 gene, PAI-1-HindIII-2 allele	AF110527.1	1
3583 SEOA5156a	PAK2 mRNA,	AF092132	1
3584 ncr0284	PAN2 protein (PAN2)	NM_020905.1	1
3585 fcr3111	pancreas tumor-related protein (FKSG12)	AF311912.1	1
3586 mioa9843	parathyroid hormone-like protein (PLP) gene, exon 4, clones lambda-PLPg(1,3,7-2)	M24349.1	1
3587 ncr6563	partial AF-4 gene	AJ238093.1	1
3588 fcrb1682	partial LIMD1 gene for LIM domains	AJ312686.1	1
3589 ncrb2079	partial unknown mRNA from drug-resistant melanoma cells, 3'UTR, clone	AJ270695.1	1
3590 ncr9293	PCCX2 mRNA for protein containing CXXC domain 2, partial cds	AB031230.1	1
3591 ncr8827	PDCL2	AAD30564.2	1
3592 FCR6547	peanut-like protein 1, PNUTL1 (hCDCRel-1) (=AF006988 sepin (CDCRel-1))	Y11593	1
3593 FCR4965	pendrin (PDS)	AF030880	1
3594 SEOA0799	PEP11 PROTEIN	spP38759	1
3595 FCR3599	PEP19 (PCP4) (=X93349;U53709)	U52969	1
3596 ncrb8191	PER1 gene (=Rigui (RIGUI))	AF102137.1	1
3597 FCR0187	pescadillo (PES1)	U78310	1
3598 BFCS0022	Pig3 (PIG3)	AF010309	1
3599 ncrb8666	pituitary tumor-transforming 1 interacting protein (PTTG1IP)	NM_004339.2	1
3600 FCR3072N	PiUS	U74297	1
3601 ncr4259	plasma glutamate carboxypeptidase (PGCP)	NM_006102.1	1
3602 ncr4448	platelet glycoprotein lib precursor	AAA60115.1	1
3603 fcrb0385	PMF16	AB006881	1
3604 miob4980	PMS1 PROTEIN HOMOLOG 1 (DNA MISMATCH REPAIR PROTEIN PMS1)	spP54277	1
3605 SEOA2934a	PM-Scl-75 autoantigen (PM-scl1) (=M58460)	U09215	1
3606 MIOA6234a	polymorphic HindIII site DNA (THRB region)	X58041	1
3607 seob7465	polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I) (PTB)	NM_002819.1	1
3608 ncr0028	PP1201 mRNA,	AF193045.1	1
3609 ncr2404	PP2703	AF193051.1	1
3610 ncr9023	PR-domain containing protein 10 (PRDM10)	NM_020228.1	1

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3611	SEOA2528	PREGNANCY ZONE PROTEIN PRECURSOR (low match)	spP20742	1
3612	MIOA8228	PRKG1 gene	Z92885	1
3613	ncrc0838	PRO0066	AF113007.1	1
3614	ncr2035	PRO0214 protein (PRO0214)	NM_014120.1	1
3615	miob0673	PRO0245 protein (PRO0245)	NM_014122.1	1
3616	ncrc0715	PRO0412 mRNA (=KIAA0213 gene )(= mitogen-activated protein kinase kinase kinase 4 (MAP3K4), transcript variant 2)	AF116604.1	1
3617	seob5748	PRO0461 protein (PRO0461)	NM_014072.1	1
3618	SEOA9744	PRO0529 protein (PRO0529)= AF111848.1	NM_014074.1	1
3619	ncrc5276	PRO0786 (=putative tumor suppressor ST13 (ST13))	AF116650.1	1
3620	ncrc2484	PRO0989 (=CGI-54 protein)	AF116614.1	1
3621	ncr9919	PRO1155 (=RBBP6)	AF116625.1	1
3622	ncrb1167	PRO1489	AF116637.1	1
3623	ncrc4583	PRO1546 (aa 1e-14,58%)	NP_061055.1	1
3624	miob0910	PRO1722	AAF69605.1	1
3625	ncrc0151	PRO1843 mRNA,(= initiation factor 4B)	AF119854.1	1
3626	ncrc5179	PRO1996 protein (PRO1996)	NM_014108.1	1
3627	ncrc3257	PRO2047 protein (PRO2047) (=PRO2003)	NM_014110.1	1
3628	ncrb5438	PRO2061	AF118092.1	1
3629	hfer4055	PRO2134	AF118094.1	1
3630	hfer9558	PRO2207	AF116692.1	1
3631	seoa7722a	PRO2219 mRNA, complete cds /cds=(823,1056) /gb=AF116694 /gi=7959886 /ug=Hs.103657 /len=1083	Hs.103657	1
3632	ncrb5918	PRO2222	AF119868.1	1
3633	SEOA9409	PRO2239	AF116696	1
3634	ncr9044	PRO2309	AF119875.1	1
3635	hfer0345	PRO2646(=RPS4Y)	AF116711.1	1
3636	miob0700	selective LIM binding factor, rat homolog (SLB)	AAF69654.1	1
3637	ncrc2831	PRO2832 (PRO2832)	NM_018541.1	1
3638	ncrc5312	PRO2975 (PRO2975)	NM_018548.1	1
3639	ncrc4555	PRO3091	AF119916.1	1
3640	miob5117	PRO3098	AF119917.1	1
3641	FCR4364	Pro-Pol-dUTPase polyprotein	Y12713	1
3642	FCR6936	prostacyclin synthase	D83402	1
3643	ncrb2611	prostaglandin-D synthase (RefSeq aa 3e-36)	NP_055300.1	1
3644	mioa9323	prostate carcinoma tumor antigen (pcta-1) (ORF)	L78132.1	1
3645	mioa9540	prostate specific and androgen regulated cDNA 14D7 = AL050198 hypothetical protein	AF163475	1
3646	fCR0237	prostatein c3 subunit	M71245	1
3647	FCR1393	protein	L76155	1
3648	seob6417	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) (PIN4)	NM_006223.1	1
3649	SEOA7471a	protein B	AF146793.1	1
3650	ncrc6708	protein inhibitor of activated STAT-1(RefSeq aa 2e-82)	NP_057250.1	1
3651	MIOA2998a	protein S-alpha (PROS1) (=Y00692)	M23599	1
3652	MIOA6488a	PSD-Zip45	AB017140	1
3653	ncrc4132	PTB domain adaptor protein CED-6	AF200715.1	1
3654	MIOA0494	PTB-like protein	AJ010585.1	1
3655	ncr8811	PTD002 protein (PTD002) (=HSPC305)	NM_016144.1	1

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3656 MIOA3439a	PTD012	AF092133.1	1
3657 ncr5335	PTD017 protein (PTD017)	NM_014046.1	1
3658 ncr2079	PTH-responsive osteosarcoma B1 protein (B1) mRNA, complete cds	AF095771.1	1
3659 SEOA5584a	PTPL1-associated RhoGAP	U90920	1
3660 ncr2496	PTS gene for 6-pyruvoyltetrahydropterin synthase	AB042297.1	1
3661 mioa6307a	putative (H. sapiens) (LOC134301)	XM_059705.1	1
3662 fcrb2591	PUTATIVE C10 PROTEIN (LOC113246) Length = 755	XM_053988.2	1
3663 ncr4076	Putative prostate cancer tumorsuppressor (RefSeq aa 5e-NP_006756.1 81)		1
3664 ncr5592	putative tumor suppressor ST13 (ST13) (=PRO0786)	U17714.1	1
3665 ncr9709	QM [nontumorigenic Wilms' microcell hybrid cells, Genomic, 2623 nt, segment 2 of 2](= housekeeping (Q1Z 7F5) gene exons 2 through 7, complete cds)	S64169.1	1
3666 ncr0100	R3H domain (binds single-stranded nucleic acids) containing (RefSeq aa 7e-54)	NP_056970.1	1
3667 fcrb1457	RAB14, member RAS oncogene family (RAB14)	XM_005342.4	1
3668 fcrb2344	RAB6C, member RAS oncogene family (RAB6C), mRNA	XM_038274.1	1
3669 miob0036	Rap2 interacting protein; similar to U73941 (PID:g1916018)	AAC82532.1	1
3670 fcrb2087	rat activator of G-protein signaling 3 (AGS3) (likely ortholog)	XM_054763.2	1
3671 ncrb7932	rat myomegalin	NP_071754.1	1
3672 ncr5296	RB-binding protein (rbbp2h1a gene)	AJ243706.1	1
3673 ncrb6676	RC1-ST0278-160200-014-f03 ST0278 cDNA	AW818395.1	1
3674 hfer6143	RC3-BT0319-240200-015-e12 BT0319	BE066091.1	1
3675 SEOB3497	recepin (CBF1 interacting corepressor (CIR)	U03644.1	1
3676 FCR2338	Rer1 protein	AJ001421	1
3677 hfer8412	RES4-22 gene with multiple splice variants near HD locus on 4p16.3	NM_003704.1	1
3678 ncr0807	reticulon 4c (=reticulon 4b)(= reticulon 4a)	AF087901.1	1
3679 ncr0185	retinal short-chain dehydrogenase/reductase retSDR2 (LOC51170), mRNA	NM_016245.1	1
3680 fCR0841	retina-specific 15.7 kDa protein	M34915	1
3681 MIOA5531a	retinol-binding protein (RBP)	M10934	1
3682 MIOA6585a	RETINOL-BINDING PROTEIN II, CELLULAR (CRBP-II)	P50121	1
3683 ncrb8721	REV3 (yeast homolog)-like, catalytic subunit of DNA polymerase zeta (RefSeq aa 2e-39)	NP_002903.1	1
3684 hfer1733	RGP3	U27655.1	1
3685 seoa4926a	RP42 homolog (RP42), mRNA /cds=(29,808) /gb=Nm_020640 /gi=10190677 /ug=Hs.104613 /len=3552	Hs.104613	1
3686 miob6451	rpmJ, rplA, rplO, rpmD, rpsE, rplR, rplF, rpsH, rpsN, rplE, rplX, rplN, rpsQ, rpmC, rplP, rpsC, rplV, rpsS, rplB, rplW, rplD, rplC, rpsJ genes from bases 3440111 to 3451054 (section 298 of 400) of th...	AE000408	1

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3687 seob4136	rrlC, rrfC, aspT, trpT, yifA, pssR, yifE, yifB, ilvL, ilvG_1, ilvG_2, ilvM, ilvE, ilvD, ilvA, ilvY genes from bases 3941264 to 3955588 (section 343 of 400) of the complete genome	AE000453	1
3688 ncr5432	SCL gene locus	AJ131016.1	1
3689 ncr4001	seladin-1 (=KIAA0018)	AF261758.1	1
3690 fcrb1724	selective LIM binding factor, rat homolog (SLB)	XM_033196.1	1
3691 fcrb0693	serologically defined colon cancer antigen 10 (NY-CO-10)	NM_005869.1	1
3692 hfcr0622	SH3GLP1 pseudogene, 5'	X99658.1	1
3693 hfcr0525	Si-1-8-16 mRNA, partial cds	AB044752.1	1
3694 FCR3121	SIK similar protein	AF053232	1
3695 ncrb8035	single-minded (Drosophila) homolog 2 (SIM2), transcript variant SIM2	NM_005069.2	1
3696 hfcr0750	Sjogren's syndrome/scleroderma autoantigen 1 (SSSCA1) (=AB001740 p27)	NM_006396.1	1
3697 FCR6792	Slit-2 protein	AB017168	1
3698 ncr5508	Sm protein F (RefSeq aa 2e-41)	NP_009011.1	1
3699 FCR6529	small cytoplasmic Y RNA (Y4) (=X57566 hy4 Ro RNA (associated with erythrocyte Ro RNP's))	L32608	1
3700 ncr6345	small EDRK-rich factor 1, short isoform (SERF1)	AF073518.1	1
3701 ncr3840	small fragment nuclease (DKFZP566E144)	NM_015523.1	1
3702 fcrb1894	SMART/HDAC1 associated repressor protein (SHARP)	XM_057104.1	1
3703 MIOA6731a	SOCS box-containing WD protein SWiP-1 (SWIP1) (=AF106683 WSB-1)	AF072880.1	1
3704 ncr5243	spastic ataxia of Charlevoix-Saguenay (sacsin) (RefSeq aa 2e-91)	NP_055178.1	1
3705 ncr5327	speckle-type POZ protein (SPOP)	NM_003563.1	1
3706 ncrb0303	spm1 protein	Y15794.1	1
3707 ncr6821	SRY (sex determining region Y)-box 13 (SOX13)(= type 1 diabetes autoantigen ICA12)	NM_005686.1	1
3708 ncrb1420	SRY (sex determining regionY)-box 22 (SOX22)	NM_006943.1	1
3709 miob6467	SRY-box containing gene 5 (Sox5)	NM_011444.1	1
3710 MIOA1921a	SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit	M25077	1
3711 SEOA3852	SSR alpha subunit	Z12830	1
3712 hfcr9240	SSX4 protein gene	AF196972.1	1
3713 FCR5574	stat-like protein (Fe65)	L77864	1
3714 FCR6841	STS(STS SHGC-35393)	G28601	1
3715 SEOA8651	sudD (suppressor of bimD6, Aspergillus nidulans) homolog (SUDD) (Alu repeat)	gi4507298	1
3716 FCR3286	suppressor of cytokine signalling-1 (SOCS-1) (=AB000734 TIP3)	U88326	1
3717 ncr5113	Syne-1B	AAG24393.1	1
3718 mioa9648	synuclein, alpha (non A4 component of amyloid precursor) (SNCA), transcript variant NACP112,(ORF)	NM_007308.1	1
3719 ncr8584	Tandem PH Domain Containing Protein-1 (TAPP1)	NM_021622.1	1
3720 hfcr4087	Tax interaction protein 2	AF028824.1	1
3721 miob4613	TB1	M74089.1	1
3722 mioa9581	TCP1 (t-complex-1) ring complex, polypeptide 5 (TRIC5)(ORF) = X74801.1	NM_005998.1	1
3723 SEOA8401a	tctex-1	E13405	1

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3724 seob5658	TESS 2 protein (TESS 2 gene) (=DKFZp586B2022)	AJ250865.1	1
3725 ncr6072	testis specific ankyrin-like protein 1 (LOC51281)	NM_016552.1	1
3726 FCR2798	tex292	X80433	1
3727 hfcr8816	TFII-I protein(TFII-I) mRNA, (=general transcription factor 2-I (GTF2I)	AF015553.1	1
3728 FCR1092	tip associating protein (TAP)	U80073	1
3729 seoa7736a	TPA regulated locus; uncharacterized hypothalamus protein HTMP (H. sapiens) (LOC132748), mRNA	XM_054971.2	1
3730 MIOA7372a	TPRD	D83077	1
3731 hfcr0171	transitional epithelia response protein (TERE1)	NM_013319.1	1
3732 fcrb1397	translocating chain-associating membrane protein (TRAM)	XM_005185.3	1
3733 hfcr8857	Treacher Collins-Franceschetti syndrome 1 (TCOF1) mRNA	NM_000356.1	1
3734 ncr3718	TSA305	AB024763.1	1
3735 SEOA4366a	TSC2 mRNA for tuberin	X75621	1
3736 fCR0969	TYL gene	X99688	1
3737 seoa7056	unknown mRNA /cds=(1758,2294) /gb=AF321617 /gi=11596417 /ug=Hs.33032 /len=3109	Hs.33032	1
3738 ncr1153	unknown protein 3'UTR	Y09836.1	1
3739 fcrb2422	unknown protein LOC51035 (H. sapiens) (LOC120685), mRNA	XM_058485.1	1
3740 mioa0739m	unnamed protein product	AK001715	1
3741 ncr5949	unnamed protein product	BAA91748.1	1
3742 ncr8937	unnamed protein product	BAA91974.1	1
3743 ncr1402	unnamed protein product	BAB14098.1	1
3744 ncr4015	unnamed protein product	BAB14662.1	1
3745 ncr2531	unnamed protein product	BAB14687.1	1
3746 ncrb8526	unnamed protein product	BAB14809.1	1
3747 ncr3171	unnamed protein product	BAB15239.1	1
3748 ncr3503	unnamed protein product	BAB15362.1	1
3749 ncr3080	unnamed protein product	BAB15407.1	1
3750 ncr9052	unnamed protein product	BAB15427.1	1
3751 ncr9368	unnamed protein product	BAB15579.1	1
3752 ncr1889	unnamed protein product (=HSPC314)	BAB14755.1	1
3753 ncrb8790	unnamed protein product (aa 1e-15)	BAB15433.1	1
3754 fcrb2199	UPF3 (UPF3)	AF318575.1	1
3755 ncrb5244	up-regulated by BCG-CWS (=KIAA0062,=KIAA1265)	NP_071437.1	1
3756 ncr2451	vault-associated RNA 1, complete sequence	AF045143.1	1
3757 ncr7065	vav 3 oncogene (VAV3)	NM_006113.2	1
3758 ncr9729	v-maf musculoaponeurotic fibrosarcoma(avian) oncogene homolog (RefSeq aa 4e-33)	NP_005351.2	1
3759 SEOA9421	v-raf-1 murine leukemia viral oncogene homolog 1 (RAF1),= X03484.1	NM_002880.1	1
3760 MIOA8644	WAS protein family, member 1 (WASF1) (=KIAA0269)	NM_003931.1	1
3761 ncrb2848	WD-repeat protein (HAN11)	NM_005828.1	1
3762 fcrb1420	Williams-Beuren syndrome chromosome region 1 (WBSCR1)	XM_051839.2	1
3763 seoa6846	Wilms' tumour 1-associating protein (KIAA0105), mRNA /cds=(124,579) /gb=NM_004906 /gi=4758635 /ug=Hs.119 /len=1622	Hs.119	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 258 of 312**

3764 seoa6818	Wiskott-Aldrich syndrome protein interacting protein (WASPIP), mRNA /cds=(108,1619) /gb=NM_003387 /gi=8400739 /ug=Hs.24143 /len=1985	Hs.24143	1
3765 FCR6578	XE7	L03426	1
3766 ncr4202	Xp22 bins 16-17 BAC GSHB-531117 (Genome Systems Human BAC Library) complete sequence	AC004805.1	1
3767 hfcr9956	Xq pseudoautosomal region; segment 1/2	AJ271735.1	1
3768 SEOA4600a	xs31	Z36832	1
3769 ncr0455	yeast Sec31p homolog (RefSeq aa 5e-76)	NP_057295.1	1
3770 SEOA1875a	YGR163, yeast homologue	AB017616	1
3771 ncr1374	adrenodoxin gene, exon 4	M23668.1	1
3772 ncr0159	annexin V-binding protein (ABP-10),(ORF)	D64062	1
3773 MIOA8828	ATPase subunit 6	BAA07295.1	1
3774 seob5326	ATPase, Ca sequestering (ATP2C1) (=KIAA1347)	NM_014382.1	1
3775 fcrb1607	ATPase, Class I, type 8B member 2 (ATP8B2)	XM_036933.2	1
3776 hfcr0829	ATPase, H transporting, lysosomal (vacuolar proton pump) 21kD (ATP6F)	NM_004047.1	1
3777 seob6087	ATPase, H transporting, lysosomal (vacuolar proton pump) non-catalytic accessory protein 1A (110/116kD) (ATP6N1A)	NM_005177.1	1
3778 ncr5109	ATPase, H transporting, lysosomal (vacuolar proton pump), beta polypeptide,56/58kD, isoform 2 (ATP6B2)(vacuolar H -ATPase Mr 56,000 subunit (HO57))(=isoform 2 of vacuolar H ATPase Mr 56,000 subunit)	NM_001693.1	1
3779 ncr5336	ATPase, H transporting, lysosomal (vacuolar proton pump), member J (ATP6J)	NM_004888.1	1
3780 hfcr0366	ATPase, Na /K transporting, alpha 2 ( ) polypeptide (ATP1A2)	NM_000702.1	1
3781 ncr9279	ATPase, Na /K transporting, beta 1 polypeptide (RefSeq aa 7e-66)	NP_001668.1	1
3782 hfcr2323	ATP-binding cassette 7 iron transporter (ABC7)	AF133659.1	1
3783 MIOA1276m	Ca2 -transporting ATPase, (ORF)	AJ010953	1
3784 FCR7128	calsequestrin, cardiac	D55655	1
3785 FCR0257	copper chaperone for superoxide dismutase (CCS)	AF002210	1
3786 FCR4166	F1-ATPase beta subunit (F-1 beta) (=X05606;M27132)	X03559	1
3787 fCR1004	F1-F0-ATPase	M64751	1
3788 fCR1016	F1Fo-ATP synthase complex Fo membrane domain F subunit	S70447	1
3789 MIOA1621a	monocarboxylate transporter 1 (SLC16A1)	L31801	1
3790 FCR3715	non-erythroid band 3-like protein (HKB3) (=U26531 anion exchanger AE2;X62137 anion exchanger protein)	X03918	1
3791 MIOA0572n	nonerythroid beta-spectrin	L02897	1
3792 hfcr8509	NRAMP2 gene for natural resistance-associated macrophage protein 2	AB015355.1	1
3793 ncr6623	S100 calcium-binding protein A11 (calgizzarin) (S100A11)	NM_005620.1	1
3794 fcrb2291	S100 calcium-binding protein A6 (calcyclin) (S100A6), mRNA	XM_058243.1	1



**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 259 of 312**

3795 ncrb1216	sodium bicarbonate cotransporter 2b (NBC2B)(= sodium bicarbonate cotransporter 3 (SLC4A7))	AF089726.1	1
3796 SEOA2620	sodium bicarbonate cotransporter 3 (SLC4A7)	AF047033.1	1
3797 ncr2256	solute carrier family 26	NM_000112.1	1
3798 ncr5930	solute carrier family 5(sodium-dependent vitamin transporter), member 6(SLC5A6)	NM_021095.1	1
3799 MIOA1353a	solute carrier family 7 (cationic amino acid transporter, y system), member 6 (SLC7A6) (=D87432.1 KIAA0245)	gi4507052	1
3800 seob7125	vacuolar H ( ) -ATPase subunit=13.7 kda F-ATPases subunit b homologue	S82464.1	1
3801 ncr1428	vacuolar H -ATPase Mr 56,000 subunit (HO57)	L35249.1	1
3802 MIOA8034a	vacuolar H ATPase Mr 70000 subunit	X61612	1
3803 FCR0748	vacuolar proton ATPase membrane sector associated protein M8-9	Y17975	1
3804 SEOA7543a	vacuolar sorting protein 35	AF191298	1
3805 FCR3915	white gene protein (=AF038175)	X91249	1
3806 FCR4226	Glycosyl transferase, similar to (=AF031835 ppGaNTase)	AL033514	1
3807 SEOA1980a	1,4-alpha-glucan branching enzyme (HGBE)	L07956	1
3808 hfc4466	3-phosphoinositide dependent protein kinase-1 (PDPK1)	NM_002613.1	1
3809 ncrb6462	aldehyde dehydrogenase 1	K03000.1	1
3810 FCR4900	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) (AKR7A2) (=Y16675)	AF026947	1
3811 SEOA6123a	aldose reductase (EC 1.1.1.2)	X15414	1
3812 ncrb0913	alpha-1,3(6)-mannosyl glycoprotein beta-1 (RefSeq aa 1e-79)	NP_002401.1	1
3813 ncr1495	alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase	AF302110.1	1
3814 hfc6753	Alu co-repressor 1 (ACR1)(=AOEB166)	AF231705.1	1
3815 hfc6085	amylase-1,6-glucosidase,4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III) (AGL), splice variant 6, mRNA	NM_000646.1	1
3816 hfc5499	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) (B3GAT3)	NM_012200.1	1
3817 ncr9549	beta-1,3-N-acetyl glucosaminyl transferase (BETA3GNTI)	NM_006876.1	1
3818 ncr2568	beta-globin (HBB) gene haplotype C17, replication origin initiation region and partial cds	AF186616.1	1
3819 ncr0251	carbohydrate (keratan sulfate Gal-6) sulfotransferase 1 (CHST1), mRNA	NM_003654.1	1
3820 ncrb5197	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 (CHST6) (=CLP)	NM_021615.1	1
3821 MIOA1513	co-beta glucosidase (proactivator)	J03077	1
3822 SEOB1844	dTDP-4-keto-6-deoxy-D-glucose 4-reductase (tgr gene) (=AF182814 methionine adenosyltransferase regulatory beta subunit)	AJ243721.1	1
3823 forb2043	extracellular glycoprotein EMILIN-2 precursor (LOC90187)	XM_029741.1	1
3824 FCR2299	galactokinase (galk)	U26401	1
3825 FCR0894	galactose-1-phosphate uridyl transferase (GALT)	M96264	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 260 of 312**

3826	hfc7968	GALT3 protein mRNA, complete cds	AF154848.1	1
3827	ncrb4154	glucosamine-6-phosphate	AJ002231.1	1
3828	ncrb7340	glucosyltransferase	AJ224875.1	1
3829	FCR6054	glycogen debranching enzyme isoform 2 (AGL)	U84008	1
3830	ncrc3799	glycogen synthase 1 (muscle) (GYS1)	NM_002103.1	1
3831	seob4492	glycogenin= glycogenin-1	X79537.1	1
3832	FCR4878	glycogenin-2 delta (glycogenin-2) (=U94359;U94363)	U94360	1
3833	SEOA4809a	hexokinase II pseudogene	U28387	1
3834	ncr7768	hippocampus abundant gene transcript 1 (Hiat1)	NM_008246.1	1
3835	FCR3946	liver-type 1-phosphofructokinase (PFKL) (=X16930)	X15573	1
3836	miob4869	LNR42 (=AJ012409.1 Human hypothetical protein (clone YR-29))	AF238866	1
3837	fcrb0151	lysosomal alpha-mannosidase (MANB)	U05572.1	1
3838	seob8338	lysozyme	M19045.1	1
3839	hfc6099	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT1) gene	NM_002406.2	1
3840	ncr1421	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT2)	NM_002408.2	1
3841	SEOB1340	mannosyl-oligosaccharide alpha-1,2-mannosidase	U04301.1	1
3842	BFCW0216	N-acetyl-alpha-glucosaminidase (HEXA), alpha-polypeptide	M13520	1
3843	MIOA0533	N-acetylgalactosamine 6-sulfate sulfatase (GALNS)	D17629	1
3844	miob6858	N-acetylglucosamine-phosphate mutase; DKFZP434B187	NM_015599.1	1
3845	hfc9613	N-acetylglucosaminyl transferase component Gpi1 (GPI1) mRNA	NM_004204.1	1
3846	ncrc5688	O-linked N-acetylglucosamine(GlcNAc) transferase(UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) (OGT)	NM_003605.2	1
3847	MIOA5779a	Phosphoglucomutase and phosphomannomutase phosphoserine homologues (68% aa)	AL021481	1
3848	BFCW0352	phosphoglycerate mutase 2 (muscle specific isozyme) (PGAM2)	M55673	1
3849	fcrb0212	phosphoinositide-3-kinase, catalytic, alpha polypeptide (PIK3CA)	NM_006218.1	1
3850	SEOB0672a	phosphomannomutase 2 (PMM2) gene (5e-10 match)	AF157794.1	1
3851	mioa9491	phosphoprotein enriched in astrocytes 15 (PEA15) mRNA	NM_003768.1	1
3852	SEOA5662a	platelet activating factor acetylhydrolase, brain isoform, 45 kDa subunit (LIS1)	U72342	1
3853	SEOA9883	pyruvate dehydrogenase (lipoamide) beta (PDHB)	NM_000925.1	1
3854	hfc6400	pyruvate kinase, muscle (PKM2)(=TCB)	NM_002654.1	1
3855	BFCS0345	siah binding protein 1 (SiahBP1)	U51586	1
3856	SEOB0918	sialidase 1 (lysosomal sialidase) (NEU1)	gi4557790	1
3857	fcrb2556	sialyltransferase 4C (beta-galactosidase alpha-2,3-sialyltransferase) (SIAT4C), mRNA	NM_006278.1	1
3858	FCR4682	sialyltransferase SThM (sthm)	U14550	1
3859	SEOB2958	sorbitol dehydrogenase (SORD)	U67243.1	1
3860	MIOA1424	suCRase-isomaltase (SI)	M84646	1
3861	ncr0083	UDP-galactose transporter related	AB041549.1	1
3862	SEOA0420	UDP-galactose transporter related isozyme 1	D87989.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 261 of 312**

3863 ncr4975	UDP-glucose:glycoprotein glucosyltransferase 2 (FLJ10873)	NM_020121.1	1
3864 nrcr6147	aldolase A, fructose-bisphosphate (ALDOA)	NM_000034.1	1
3865 miob6364	acid phosphatase 1, soluble (ACP1), transcript variant a	NM_004300.1	1
3866 MIOA8971	acyl-Coenzyme A oxidase 3, pristanoyl (ACOX3)	NM_003501.1	1
3867 FCR7059	bleomycin hydrolase	X92106	1
3868 hfc8427	casein kinase 1, epsilon (CSNK1E)	NM_001894.1	1
3869 fcrb1494	casein kinase 2, alpha 1 polypeptide (CSNK2A1)	XM_049424.2	1
3870 fcrb1496	casein kinase 2, beta polypeptide (CSNK2B)	NM_001320.1	1
3871 FCR1462	casein kinase I gamma 2 (=AF001177)	U89896	1
3872 ncr8997	cysteine knot superfamily 1, BMP antagonist 1 (CKTSF1B1)	NM_013372.1	1
3873 bfcw0579	dual adaptor of phosphotyrosine and 3-phosphoinositides (DAPP1)	XM_052416.1	1
3874 SEOA1923	GAP SH3 binding protein (Ras-GTPase-activating protein SH3-domain-binding protein (G3BP))	U32519	1
3875 MIOA0890a	GAP-associated protein (p190)	M94721	1
3876 seob5668	GAP-like protein (LOC51306)	NM_016603.1	1
3877 FCR7327	kappa-casein	U51899	1
3878 ncr0107	kinase substrate HASPP28	U26541.1	1
3879 FCR4927	lysosomal acid phosphatase (=X12548)	X15535	1
3880 FCR2908	PALM (=D87460 (KIAA0270))	Y16277	1
3881 FCR3043	palmitoylated erythrocyte membrane protein (MPP1)	M64925	1
3882 ncr3979	PHKB gene (exon 25)	X84930.1	1
3883 seob7189	protein phosphatase (KAP1)	L27711.1	1
3884 MIOA0790	protein phosphatase 1 (PPP1R5)	Y18207	1
3885 hfc3739	protein phosphatase 1 regulatory subunit 7 (PPP1R7)	NM_002712.1	1
3886 fcrb0894	protein phosphatase 1, catalytic subunit, alpha isoform (PPP1CA)	NM_002708.1	1
3887 mioa7740a	protein phosphatase 1, catalytic subunit, gamma isoform (PPP1CC), mRNA /cds=(154,1125) /gb=NM_002710 /gi=4506006 /ug=Hs.79081 /len=2263	Hs.79081	1
3888 nrcr1975	protein phosphatase 1, regulatory (inhibitor) subunit 5 (PPP1R5)	NM_005398.1	1
3889 SEOA5528a	protein phosphatase 1, regulatory subunit 10 (PPP1R10) (=Y13247 fb19)	gi4506008	1
3890 ncr9620	protein phosphatase 1, regulatory(inhibitor) subunit 5 (RefSeq aa 5e-40)	NP_005389.1	1
3891 ncr7085	protein phosphatase 1, regulatorysubunit 7 (RefSeq aa 5e-77)	NP_002703.1	1
3892 fcrb1901	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform (PPM1G)	XM_033185.1	1
3893 fcrb1963	protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), beta isoform (PPP2R1B)	XM_041325.1	1
3894 nrcr1624	protein phosphatase 2, regulatory subunit B (B56), alpha isoform (PPP2R5A)	NM_006243.1	1
3895 SEOA0383	protein phosphatase 2A B'alpha1 regulatory subunit (=D26445 KIAA0044)	U37352	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 262 of 312**

3896 FCR0429	protein phosphatase 2A regulatory subunit alpha-isotype (alpha-PR65) (=M31786 tumor antigen-associated 61kd protein)	J02902	1
3897 SEOA9046	protein phosphatase 2C beta	AJ005458.1	1
3898 SEOA0038	protein phosphatase 5 (=U25174)	X89416	1
3899 FCR6181	protein phosphatase-1 catalytic subunit	M63960	1
3900 fcrb1466	protein tyrosine phosphatase receptor type K (PTPRK)	NM_002844.1	1
3901 SEOA4670a	protein tyrosine phosphatase(TEP1) (ORF)	U96180	1
3902 fcrb1201	protein tyrosine phosphatase, receptor type, alpha polypeptide (PTPRA)	NM_002836.1	1
3903 ncr4869	protein tyrosine phosphatase, receptor type, epsilon polypeptide (RefSeq aa 2e-43)	NP_006495.1	1
3904 ncr8232	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 (RefSeq aa 5e-75)	NP_003616.1	1
3905 hfc8983	protein tyrosine phosphatase, receptor type, M (PTPRM)	NM_002845.1	1
3906 miob4561	protein-tyrosine kinase, trkB	X75958.1	1
3907 SEOA5787	3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase	M62633	1
3908 miob4104	3'-phosphoadenosine 5'-phosphosulfate synthetase (PAPSS)	AF105227.1	1
3909 ncr1101	3'-phosphoadenosine 5-prime-phosphosulfate synthase 1	NP_005434.1	1
3910 hfc9681	5'(3')-deoxyribonucleotidase; RB-associated KRAB repressor (DNT), mRNA	NM_014595.1	1
3911 ncrb4000	5'-3' exoribonuclease 1	NP_036046.1	1
3912 ncr0867	5'-3'exonuclease	X91617.1	1
3913 ncr4648	5'-nucleotidase (purine)	NM_012229.1	1
3914 hfc3453	6-O-methylguanine-DNA methyltransferase (MGMT)	M29971.1	1
3915 ncrb6085	adenosine deaminase tRNA-specific 1 (ADAT1)	NM_012091.2	1
3916 SEOB1133	adenosine monophosphate deaminase (isoform E) (AMPD3)	NM_000480.1	1
3917 miob3161	adenosine triphosphatase	M95541.1	1
3918 hfc1646	deoxyhypusine synthase	L39068.1	1
3919 ncr2730	deoxyribonuclease I-like 3 (DNASE1L3)	NM_004944.1	1
3920 MIOA1300n	dinucleotide miCRosatellite HUJII77	M96348	1
3921 ncr3034	exoribonuclease 1 (Xrn1)	NM_011916.1	1
3922 ncr0495	G/T MISMATCH-SPECIFIC THYMINE DNA GLYCOSYLASE	Q13569	1
3923 fcrb2196	guanylate kinase 1 (GUK1)	XM_056887.1	1
3924 seob4076	inorganic pyrophosphatase	AF119665.1	1
3925 hfc9835	nucleoside diphosphate kinase homolog (DR-nm23) gene, complete sequence	U80813.1	1
3926 hfc3070	nudix (nucleoside diphosphate linked moiety X)-type motif 3 (NUDT3), mRNA	NM_006703.1	1
3927 ncrb2339	nudix (nucleoside diphosphate linked moiety X)-type motif 6 (NUDT6)= AF019633 antisense basic fibroblast growth factor B alternatively spliced mRNA,	NM_007083.1	1
3928 hfc5872	phosphodiesterase 10A (PDE10A)	NM_006661.1	1

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3929 seob4363	phosphodiesterase 1A, calmodulin-dependent (PDE1A)	NM_005019.1	1
3930 hfc3467	phosphodiesterase 2A cGMP-stimulated (PDE2A)	NM_002599.1	1
3931 ncrb0897	phosphodiesterase 4B, cAMP-specific(dunce (Drosophila)-homolog phosphodiesterase E4) (RefSeq aa 3e-43)	NP_002591.1	1
3932 hfc9924	phosphodiesterase I/nucleotide pyrophosphatase 2 (autotaxin) (PDNP2) (=autotaxin-t (atx-t) gene)	NM_006209.1	1
3933 MIOA1304	RhoGAP, rat homologue (chromosome 13)	gi4902677	1
3934 BFCW0467	ribonuclease A (RNase A)	D26129	1
3935 hfc2894	ribonuclease HI, large subunit (RNASEHI)	NM_006397.1	1
3936 ncr1592	ribonuclease P (30kD) (RefSeq aa 2e-78)	NP_006404.1	1
3937 FCR5712	RIBONUCLEASE PH-LIKE PROTEIN B0564.1	spQ17533	1
3938 FCR5412	rod cGMP-phosphodiesterase gamma-subunit (PDEG)	U00482	1
3939 ncr0612	RY-1 putative nucleic acid binding protein	X76302.1	1
3940 FCR5822	single strand DNA-binding protein	AF077048.1	1
3941 FCR4503	thymidine kinase 1, soluble (TK1)	K02581	1
3942 ncr6778	thymine-DNA glycosylase (TDG)	NM_003211.1	1
3943 FCR5339	L apoferritin	X03742	1
3944 BFC50286	long-chain-fatty-acid-CoA ligase, homologue (SW:P29212)	Z81071	1
3945 FCR5895	3-hydroxyisobutyryl-coenzyme A hydrolase	U66669	1
3946 FCR0535	43 kDa inositol polyphosphate 5-phosphatase	Z31695	1
3947 SEOB0007	7-dehydrocholesterol reductase (DHCR7)	AF067127.1	1
3948 BFCW0160	abc1	X75926	1
3949 fCR0872	acetyl-CoA carboxylase	X68968	1
3950 SEOB3564	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase) (ACAA2), nuclear gene encoding mitochondrial protein	NM_006111.1	1
3951 SOA0105	acylphosphatase 2, muscle type (ACYP2)	X84195	1
3952 MIOA1785	alcohol dehydrogenase beta-1-subunit (ADH1-2 allele)	X03350	1
3953 FCR4763	alpha-methylacyl-CoA racemase	AF047020	1
3954 FCR6329	aquaporin adipose	AB006190	1
3955 FCR1997	carnitine carrier	Y10319	1
3956 ncr2966	carnitine octanoyltransferase	AF073770.1	1
3957 MIOA3335a	carnitine palmitoyltransferase II, precursor (CPT1)	U09646	1
3958 ncrb5192	CDP-diacylglycerol synthase(phosphatidate cytidyltransferase) 1 (RefSeq aa 4e-40)	NP_001254.1	1
3959 FCR6635	choline kinase isolog 384D8_3	U62317	1
3960 ncrb1515	choline phosphotransferase 1 beta (=cholinephosphotransferase 1 alpha)(= AAPT1-like protein)	AF195624.1	1
3961 SEOB2797	CTL1 protein (70% aa)	AJ245620	1
3962 hfc3067	CTL2 gene	AJ245621.1	1
3963 hfc1639	delta-6 fatty acid desaturase (FADS6)	NM_004265.1	1
3964 ncr7180	dihydrolipoamide acetyltransferase (PDC-E2) (EC 2.3.1.12)	Y00978.1	1
3965 ncrb8703	dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid dehydrogenase complex; maple syrup urine disease)	XP_001705.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 264 of 312**

3966 ncr5065	Drosophila fat facets related, X-linked (RefSeq aa 5e-56)	NP_004643.1	1
3967 SEOA8556	fat facets protein	AJ012078	1
3968 ncr1367	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) (FABP3)	NM_004102.2	1
3969 hfer5971	fatty acid binding protein 7, brain (FABP7) mRNA	NM_001446.1	1
3970 SEOA0792	fatty acid desaturase MLD, putative (contains Alu repeat)	AF002668	1
3971 ncrb5608	fatty-acid-Coenzyme A ligase, long-chain 3 (RefSeq aa 4e-31)	NP_004448.1	1
3972 SEOB0370	fumarylacetoacetate hydrolase	M55150.1	1
3973 ncr0174	geranylgeranyl diphosphate synthase 1 (RefSeq aa 1e-34)	NP_004828.1	1
3974 ncr1631	hydroxysteroid (17-beta) dehydrogenase 7 (RefSeq aa 4e-86)	NP_057455.1	1
3975 FCR1756	L-3-hydroxyacyl-CoA dehydrogenase (=AF001902)	X96752	1
3976 SEOA7920a	lanosterol 14-alpha demethylase cytochrome P450 (CYP51)	U51692.1	1
3977 ncr2670	lipoyltransferase, complete cds	AB017567.1	1
3978 ncr4474	methylmalonate-semialdehyde dehydrogenase (MMSDH)	NM_005589.1	1
3979 BFCW0268	mitochondrial short-chain enoyl-CoA hydratase	D13900	1
3980 hfer6515	muscle fatty-acid-binding protein (FABP)	X56549.1	1
3981 ncrb2256	neuronal PAS domain protein 3 (Npas3)	NM_013780.1	1
3982 ncr4604	oxysterol binding protein (RefSeq aa 1e-87)	NP_002547.1	1
3983 fCR0918	p55PIK phosphatidylinositol 3-kinase regulatory subunit	S79169	1
3984 MIOB1573	perilipin	AB005293.1	1
3985 seob4213	phosphatidylcholine 2-acylhydrolase (cPLA2)	M68874.1	1
3986 ncrb7200	phosphatidylinositol 3-kinase, class 3 (RefSeq aa 2e-88)	NP_002638.1	1
3987 ncr4793	Phosphatidylinositol transfer protein (PI-TPalpha)	D30036.1	1
3988 MIOA4278	phospholipase C, epsilon (PLCE)=D42108	NM_006226.1	1
3989 seob5363	Phospholipase C-delta1 (Plcd1)	NM_017035.1	1
3990 ncr7341	phospholipase D1, phosphatidylcholine-specific (PLD1)	NM_002662.1	1
3991 seoa6788	pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 1 (PLEKHA1), mRNA	XM_011878.3	1
3992 MIOA2273a	prostaglandin endoperoxide H synthase-1	AF129755.1	1
3993 MIOA2691a	prostaglandin endoperoxide synthase-2, PTGS2	D28235	1
3994 MIOA3944a	RASF-A PLA2 (synovial phospholipase)	M22431	1
3995 MIOA3891a	RED CELL ACID PHOSPHATASE 1, ISOZYME F (ACP1) (LOW MOLECULAR WEIGHT PHOSPHOTYROSINE PROTEIN PHOSPHATASE) (ADIPOCYTE ACID PHOSPHATASE, ISOZYME ALPHA) (62% aa)	spP24666	1
3996 hfer5454	Sac domain-containing inositol phosphatase 2 (SAC2)	NM_014937.1	1
3997 FCR0999	saposin proteins A-D	M32221	1
3998 MIOA2862a	squalene synthase	X69141	1
3999 SEOA5162a	steroid 5-alpha-reductase	M32313	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 265 of 312**

4000 fCR0837	steroid membrane binding protein	X99714	1
4001 MIOA0595a	steroid sulfatase (STS)	M16505	1
4002 ncr5653	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) (RefSeq aa 1e-41)	NP_006278.1	1
4003 hfc3534	urf4 (ORF)= NADH-UBIQUINONE OXIDOREDUCTASE CHAIN= P03905	L00016	1
4004 SEOA9060	ATP SYNTHASE B CHAIN, MITOCHONDRIAL PRECURSOR	spP24539	1
4005 FCR1741	ATP synthase inhibitor protein	M22559	1
4006 MIOA0707	ATP synthase subunit c, P1	D13118	1
4007 hfc6692	ATP synthase, H transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2 (ATP5G2)	NM_005176.3	1
4008 hfc5961	ATP synthase, H transporting, mitochondrial F1 complex, beta polypeptide(ATP5B), nuclear gene encoding mitochondrial protein,=( F1 beta subunit )	NM_001686.1	1
4009 ncr5416	ATP synthase, H transporting, mitochondrial F1 complex, epsilon subunit(ATP5E)	NM_006886.1	1
4010 ncrb6327	ATP synthase, H transporting, mitochondrial F1 complex, O subunit (oligomycinsensitivity conferring protein) (RefSeq aa 5e-88)	NP_001688.1	1
4011 MIOA3646a	ATP synthetase beta-subunit	X05606	1
4012 FCR0955	ATP synthetase epsilon-subunit, nuclear-encoded mitochondrial	X16978	1
4013 hfc2238	ATP(GTP)-binding protein	AJ010842.1	1
4014 ncrb1175	breast cancer metastasis-suppressor 1 (BRMS1)	AF159141.1	1
4015 ncr8594	COX15 (yeast) homolog, cytochrome c oxidase assembly protein (COX15)	NM_004376.1	1
4016 ncr0524	CYTOCHROME B	P00156	1
4017 MIOA4082a	cytochrome b large subunit of complex II	D49737	1
4018 MIOA0482n	cytochrome bc-1 complex core P	S74321	1
4019 MIOA5893a	cytochrome c oxidase chain I [MesoCRicetus auratus]	U97674	1
4020 ncr5293	cytochrome c oxidase subunit II [Artibeus jamaicensis]	AF061340	1
4021 ncr9401	cytochrome c oxidase subunit IV (COX4), nuclear gene encoding mitochondrial	NM_001861.1	1
4022 SEOA5843	cytochrome c oxidase subunit VIb (EC 1.9.3.1)	X13923	1
4023 ncr9438	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle) (RefSeq aa 3e-40)	NP_001855.1	1
4024 MIOA3452a	cytochrome c oxidase VIIc (EC 1.9.3.1)	X52940	1
4025 fcrb1867	cytochrome c-1 (CYC1)	NM_001916.1	1
4026 SEOA8550	cytochrome oxidase I	CAA24028.1	1
4027 ncr7629	cytochrome-c oxidase (EC 1.9.3.1) chain I	C59153	1
4028 seob6704	ferredoxin 1 (FDX1) mRNA	NM_004109.1	1
4029 ncrb8468	glyoxylate reductase/hydroxypyruvatereductase (RefSeq aa 1e-62)	NP_036335.1	1
4030 ncrb8102	GTP AMP phosphotransferase mRNA, complete cds; nuclear gene for mitochondrial product	AF183419.1	1
4031 hfc9285	Hsa4 mitochondrion cytochrome oxidase subunit II (COII) gene	U12692.1	1
4032 hfc5522	isocitrate dehydrogenase	U52144.1	1
4033 hfc0225	isocitrate dehydrogenase 1 (NADP ), soluble (IDH1)	NM_005896.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 266 of 312**

4034 hfc1694	isocitrate dehydrogenase 3 (NAD ) gamma (IDH3G)	NM_004135.1	1
4035 FCR5875	malate dehydrogenase precursor (MDH) (mitochondrial)	AF047470	1
4036 ncr7295	malonyl-CoA decarboxylase precursor (MLYCD)	AF097832.2	1
4037 BFCW0108	mitochondria isolate Aus3 cytochrome b (CYTB)	AF042516	1
4038 fcrb1922	mitochondria solute carrier protein (MSCP)	AY032628.1	1
4039 miob2926	mitochondrial (Asian) DNA control region, sequence 87	M76321.1	1
4040 FCR4468	mitochondrial ATP synthase c subunit (P2 form)	X69908	1
4041 FCR7403	mitochondrial ATPase subunit 9	M16439	1
4042 SEOA0388	mitochondrial carrier homologue 1 (=CGI protein)	AF176006.1	1
4043 FCR6698	mitochondrial control region II, sample NG14	L39338	1
4044 SEOB0536	mitochondrial cytochrome b	AB033713.1	1
4045 MIOA3602a	MITOCHONDRIAL CYTOCHROME B-245 HEAVY CHAIN (P22 PHAGOCYTE B-CYTOCHROME) (NEUTROPHIL CYTOCHROME B, 91 KD POLYPEPTIDE) (CGD91-PHOX) (GP91-PHOX	spQ61093	1
4046 SEOA2194a	mitochondrial cytochrome c oxidase subunits I, II and III, and ATPase subunit 6	M27315	1
4047 MIOA2569a	mitochondrial D-loop (isolate RomB15)	AJ230609.1	1
4048 fcrb1759	mitochondrial DNA complete genome	X93334.1	1
4049 ncrb8206	mitochondrial DNA,	D38112.1	1
4050 MIOA4068a	mitochondrial genes coding for three transfer RNAs (specific for Phe, Val and Leu)	V00665	1
4051 hfc9726	mitochondrial glutathione reductase and cytosolic glutathione reductase (GRD1) gene, complete cds, alternatively spliced	AF228703.1	1
4052 SEOA0512	mitochondrial HSP75	L15189	1
4053 MIOA7481a	mitochondrial initiation factor 2	L34600	1
4054 seob5033	mitochondrial intermediate peptidase (MIPEP), nuclear gene encoding mitochondrial protein	NM_005932.1	1
4055 seob4172	MITOCHONDRIAL PROCESSING PEPTIDASE BETA SUBUNIT PRECURSOR (BETA-MPP) (P-52)	spO75439	1
4056 MIOA1303	mitochondrial processing peptidase beta-subunit	AF054182	1
4057 fcrb2168	mitochondrial solute carrier (LOC51312)	XM_040570.1	1
4058 ncrb0513	NAD(P)H: quinone oxidoreductase gene	M81600.1	1
4059 FCR1237N	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7 (18kD, B18) (NDUFB7) (= M33374 cell adhesion protein (SQM1))	gi4758781	1
4060 ncr1939	NADH dehydrogenase (ubiquinone) Fe-Sprotein 4 (18kD) (NADH-coenzyme Q reductase) (RefSeq aa 4e-63)	NP_002486.1	1
4061 ncr6128	NADH dehydrogenase subunit 3(RefSeq aa 8e-35)	gi5835395	1
4062 ncrb1788	NADH dehydrogenase subunit 5 (RefSeq aa 3e-31)	gi5835398	1
4063 ncrb4072	NADH dehydrogenase(ubiquinone) 1 alpha subcomplex, 10 (42kD) (NDUFA10)	NM_004544.1	1
4064 hfc1910	NADH:ubiquinone oxidoreductase MLRQ subunit homolog	AF164796.1	1
4065 MIOA6913a	NADH:ubiquinone oxidoreductase NDUFS3 (ORF)	AF067139	1
4066 ncr2523	NADH-cytochrome b5 reductase isoform	AF125533.1	1



Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 267 of 312

4067	SEOA8543	NADH-UBIQUINONE OXIDOREDUCTASE 18 KD SUBUNIT PRECURSOR (COMPLEX I-18 KD) (CI-18 KD) (COMPLEX I-AQDQ) (CI-AQDQ)	spO43181	1
4068	seoa8026	NADH-UBIQUINONE OXIDOREDUCTASE 30 KD SUBUNIT PRECURSOR (COMPLEX I-30KD) (CI-30KD)	P23709	1
4069	FCR0297	NADH-UBIQUINONE OXIDOREDUCTASE B17 SUBUNIT (COMPLEX I-B17) (CI-B17)	spQ29259	1
4070	seob3670	NADH-ubiquinone oxidoreductase B8 subunit mRNA, nuclear gene encoding mitochondrial protein,	AF077029	1
4071	hfc3972	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3	P03897	1
4072	ncr0171	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5	P03915	1
4073	SEOA8276	NADH-UBIQUINONE OXIDOREDUCTASE MWFE SUBUNIT (COMPLEX I-MWFE) (CI-MWFE)	spO15239	1
4074	ncrc0798	NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete cds	AF070652.1	1
4075	FCR4160	NADH-ubiquinone oxidoreductase subunit CI-B8	AF047185	1
4076	FCR7031	NADPH-flavin reductase	D26308	1
4077	ncr1351	NDUFB8 gene	Y16004.1	1
4078	ncrb5609	NRH:quinone oxidoreductase 2 gene (NQO2)	AB050248.1	1
4079	FCR6455	nuclear aconitase (mitochondrial)	U80040	1
4080	MIOA5326a	p6=cytochrome c oxidase subunit VIc homolog/COSVlc/prostatic carcinoma upregulated gene (ORF)	S82616	1
4081	ncrc0564	quinolinate phosphoribosyltransferase (nicotinate- nucleotide pyrophosphorylase (carboxylating)) (QPRT), mRNA	NM_014298.2	1
4082	hfc9940	succinate dehydrogenase iron-protein subunit (sdhB) gene	U17248.1	1
4083	hfc3921	Succinic semialdehyde dehydrogenase (SSADH) (ORF)	NM_001080.1	1
4084	miob1125	succinyl-CoA synthetase GTP-specific beta subunit	AF171077.1	1
4085	SEOA6887	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP- C(UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX 9.5 KD PROTEIN) (COMPLEX III SUBUNIT VII)	spO14949	1
4086	ncrb5227	beacon	AAG34704.1	1
4087	SEOA0045n	biotinidase	U03274	1
4088	BFCS0198	dihydroxypolyprenylbenzoate methyltransferase (low match)	L20427	1
4089	fcrb1241	folylpolyglutamate synthase (FPGS) mRNA	NM_004957.1	1
4090	hfc9475	isolate sporadic PCT patient 10 uroporphyrinogen decarboxylase (UROD)	AF104440.1	1
4091	SEOA9321	non-functional folate binding protein	NP_037439.1	1
4092	ncr3319	nonfunctional GM3 synthase	AF119417.1	1
4093	hfc1806	Porphobilinogen deaminase (PBG-D, EC 4.3.1.8)(=hydroxymethylbilane synthase)	X04217.1	1
4094	FCR3706	pterin-4a-carbinolamine dehydratase (PCBD) (=M83742 cofactor)	L41559	1
4095	seob6414	nonhepatic arginase	D86724.1	1
4096	ncrb2428	6-pyruvoyltetrahydropterin synthase(RefSeq aa 7e-39)	NP_000308.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 268 of 312**

4097 MIOA9061	amine oxidase, copper containing 3 (vascular adhesion protein 1) (AOC3), mRNA	NM_003734.2	1
4098 BFCN0124	Arg/Abl-interacting protein ArgBP2a (ArgBP2a) (=AB018320 hypothetical protein (KIAA0777))	AF049884	1
4099 ncr0791	ArgBPIB protein (=Arg protein tyrosine kinase-binding protein)	X95677.1	1
4100 FCR5407	arginine methyltransferase	Y10806	1
4101 ncr6408	aspartate aminotransferase 1 (RefSeq aa 1e-51)	NP_002070.1	1
4102 ncr1775	basic leucine zipper nuclear factor 1 (JEM-1) (BLZF1)	NM_003666.1	1
4103 mioa7688a	colon and small intestine-specific cysteine-rich protein precursor similar to FIZZ2/resistin-like protein (HXCP2), mRNA /cds=(98,433) /gb=NM_032579 /gi=14211896 /ug=Hs.307047 /len=1250	Hs.307047	1
4104 ncr2273	cytidine deaminase	AF061658.1	1
4105 HFCR3256	DHHC1 protein	AF247703.1	1
4106 seob7931	dipeptidyl peptidase IV (CD26)	U13735.1	1
4107 fcrb2462	duodenal cytochrome b (FLJ23462), mRNA	XM_015916.2	1
4108 ncr1420	extremely cysteine/valine rich protein [Leishmania major]	AL390114	1
4109 MIOA7241a	fucosidase, alpha-L- 1, tissue (FUCA1)	gi4503802	1
4110 hfer6524	fumarase nuclear gene encoding mitochondrial protein	U48857.1	1
4111 SEOA3063a	fumarase precursor (FH) (mitochondrial)	U59309	1
4112 fcrb2160	gamma-glutamyl hydrolase (conjugase, folylpolygammaglutamyl hydrolase) (GGH)	XM_005313.4	1
4113 ncr3453	glutaminase isoform C mRNA, 3'UTR	AF097494.1	1
4114 seoa6801	glutaminyl-peptide cyclotransferase (glutaminyl cyclase) (QPCT), mRNA /cds=(11,1096) /gb=NM_012413 /gi=9257235 /ug=Hs.79033 /len=1573	Hs.79033	1
4115 ncr3138	glycine C-acetyltransferase (2-amino-3-ketobutyrate-CoA ligase) (GCAT)	NM_014291.1	1
4116 ncr6435	glycine cleavage system protein H (aminomethyl carrier) (RefSeq aa 2e-43)	NP_004474.1	1
4117 FCR6866	glycine-rich protein 2	AJ130887	1
4118 FCR3883	glycosylasparaginase (=X55330;M64073)	X55762	1
4119 fcrb1604	glycosyltransferase (LOC83468)	XM_049187.2	1
4120 SEOA6235	H-protein	M69175	1
4121 hfer3579	HPV16 E1 protein binding protein	U96131.1	1
4122 ncrb5272	HPV-16 E2 binding protein (E2BP-1) (=TCFL5)	AF070992.1	1
4123 FCR4467	isoleucyl-tRNA synthetase	D28473	1
4124 ncr6953	isovaleryl-CoA dehydrogenase (IVD) gene, exon 12 and partial cds	AF038318.1	1
4125 ncr4224	Kreisler (mouse) maf-related leucine zipper homolog (KRML)	NM_005461.1	1
4126 miob3794	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) (KMO)	NM_003679.1	1
4127 ncr3255	lacrimal proline rich protein (RefSeq aa 2e-78)	NP_009175.1	1
4128 SEOA2413	L-arginine:glycine amidinotransferase	X86401	1
4129 MIOA4109	Leu zipper protein p40(61%)	gi382917	1
4130 FCR3528	leucine zipper protein Fip3p (=AF074382 Ikb kinase gamma subunit)	AF062089	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 269 of 312**

4131 fcrb1996	leucine-zipper protein FKSG13 (LOC90598)	XM_032849.1	1
4132 seob7681	lysosomal glycosylasparaginase (AGA) (=X55330.1 aspartylglucosaminidase)	U21281.1	1
4133 ncr0007	MBIP protein (MBIP)	NM_016586.1	1
4134 SEOA6078a	methionine adenosyltransferase regulatory beta subunit	AF182814	1
4135 ncr0291	methionyl tRNA synthetase	D84224	1
4136 hfc9995	methy-CpG binding domain protein 3 (MBD3)	NM_003926.4	1
4137 ncr9707	mitochondrial isoleucine tRNA synthetase, Length = 3387	D28500.1	1
4138 MIOA7593a	ornithine decarboxylase (contains Alu repeat)	M33764	1
4139 ncr0851	ornithine decarboxylase antizyme 2 (OAZ2)	NM_002537.1	1
4140 SEOA3144	orotidine 5'-monophosphate decarboxylase	M36661	1
4141 FCR5627	periodic tryptophan protein 2 (PWP2)	U56085	1
4142 ncr4757	polyglutamine-containing C14ORF4 gene	AJ277365.1	1
4143 hfc7498	proline isomerase FK506-binding protein (FKBP13) gene	L18980.1	1
4144 miob6728	pyrroline-5-carboxylate synthase long form (P5CSL)	U76542.1	1
4145 ncr6316	selenium binding protein 1 (RefSeq aa 8e-40)	NP_003935.1	1
4146 hfc7320	selenocysteine lyase (SCLY)	NM_016510.1	1
4147 fcrb1611	serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47) member 2 (SERPINH2)	XM_035024.2	1
4148 ncr3161	serine carboxypeptidase 1 precursor protein (HSCP1)	NM_021626.1	1
4149 seob7304	spermine synthase gene	AJ009633.1	1
4150 hfc6288	suppressor of S. cerevisiae gcr2 (HSGT1)	NM_007265.1	1
4151 FCR2842N	BCS1 (yeast homolog)-like (BCS1L)	AF026849	1
4152 mioa9258	SCAD gene, 5' UTR exon 1 and 2 (and joined CDS)	Z80345.1	1
4153 hfc3450	selenoprotein N	AF166125.1	1
4154 hfc0710	selenoprotein X (LOC51734)	NM_016332.1	1
4155 fcrb2437	LENG5 protein (LENG5), mRNA	NM_024075.1	1
4156 FCR5472	cap-binding protein 4EHP	AF047695	1
4157 ncr8867	elongin B; transcription elongation factor B, polypeptide 2 (RefSeq aa 2e-44)	NP_009039.1	1
4158 miob2903	eukaryotic initiation factor 2B-epsilon	U23028.1	1
4159 FCR5728	eukaryotic translation initiation factor (eIF3)	U78525	1
4160 ncrb6949	eukaryotic translation initiation factor 1A (RefSeq aa 6e-69)	NP_001403.1	1
4161 miob0784	eukaryotic translation initiation factor 3, subunit 5 (epsilon, 47kD) (EIF3S5)	NM_003754.1	1
4162 hfc3540	eukaryotic translation initiation factor 3, subunit 8 (110kD) (EIF3S8)(ORF)	NM_003752.2	1
4163 hfc8591	eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD) (EIF3S9)	NM_003751.1	1
4164 ncrb1802	eukaryotic translation initiation factor 4 gamma, 3 (EIF4G3)	NM_003760.2	1
4165 ncrb6480	hydatidiform mole associated and imprinted (HYMAI)	AF241534.1	1
4166 seob4539	initiation factor eIF-2B gamma subunit (eIF-2B gamma)	U38253.1	1
4167 ncr5803	MAMMA1 cDNA clone MAMMA1001942 5	AU122237.1	1
4168 SEOA6144a	met-tRNA-i gene 2 (clone lambda-htm2)	J00311	1
4169 hfc1254	peptide elongation factor 1-beta mRNA, complete cds	AF103726	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 270 of 312**

4170 mioa0571a	region containing eukaryotic translation elongation factor 1 alpha 1-like 14; eukaryotic translation elongation factor 1 alpha 1(LOC82256)	XM_016036.1	1
4171 hfc7815	translation initiation factor 4e	AF038957.1	1
4172 SEOB3589	translation repressor NAT1 (=eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2)	U76111.1	1
4173 SEOA0545A	unr-interacting protein	AJ010025.1	1
4174 seob6342	838.98 23S ribosomal RNA gene	AF146762.1	1
4175 mioa9541	GAR1 protein (GAR1 gene)	AJ276003.1	1
4176 fcrb1541	mitochondrial ribosomal protein L11 (MRPL11)	XM_006493.4	1
4177 seoa7890a	mitochondrial ribosomal protein L18 (MRPL18), mRNA /cds=(123,662) /gb=NM_014161 /gi=7661777 /ug=Hs.23038 /len=968	Hs.23038	1
4178 seoa7707a	mitochondrial ribosomal protein L22 (MRPL22), mRNA /cds=(6,692) /gb=NM_014180 /gi=7661815 /ug=Hs.41007 /len=724	Hs.41007	1
4179 seoa7975	mitochondrial ribosomal protein L3 (MRPL3), mRNA /cds=(76,1122) /gb=NM_007208 /gi=6005861 /ug=Hs.79086 /len=1634	Hs.79086	1
4180 seoa7839a	mitochondrial ribosomal protein L33 (MRPL33), mRNA /cds=(35,232) /gb=NM_004891 /gi=4759047 /ug=Hs.14454 /len=512	Hs.14454	1
4181 BFCN0203	mitochondrial ribosomal protein S12	Y11681	1
4182 mioa7875	mitochondrial ribosomal protein S21 (MRPS21), transcript variant 2, nuclear gene encoding mitochondrial protein, mRNA /cds=(518,781) /gb=NM_018997 /gi=16950592 /ug=Hs.81281 /len=939	Hs.81281	1
4183 seoa8126	mitochondrial ribosomal protein S30 (MRPS30), mRNA /cds=(38,1357) /gb=NM_016640 /gi=16950598 /ug=Hs.28555 /len=1482	Hs.28555	1
4184 ncr3655	ribosomal L21 protein gene	L38826.1	1
4185 FCR4212	ribosomal protein (RPS4Y) isoform	M58459	1
4186 ncr5760	ribosomal protein 60S acidic ribosomal	NM_016183.1	1
4187 mioa9722	ribosomal protein L17 isolog	AF164797	1
4188 SEOA3737a	ribosomal protein L20	AE002038	1
4189 FCR1312	ribosomal protein LLRep3	X17206	1
4190 ncr9867	ribosomal protein, complete cds	D23660.1	1
4191 FCR6630	ribosomal RNA 12S	X13956	1
4192 SEOA4293a	ribosomal RNA 23S gene	AF146762	1
4193 MIOB2859	ribosomal RNA 28S	M30952.1	1
4194 ncr4539	Ribosomal RNA processing	NM_014285.1	1
4195 SEOA6504a	ribosomal RNA, large subunit ATCC 46578	U17421	1
4196 MIOA2214a	ribosomal subunit protein L13	AE000402	1
4197 SEOB1008	ribosome associated membrane protein RAMP4	AJ238236.1	1
4198 BFCW0530	ribosome receptor, p180	X87224	1
4199 fcrb2757	RPL15 gene for ribosomal protein L15, complete cds and sequence	AB061823.1	1
4200 ncr3648	RPL6 gene for ribosomal protein L6, complete cds	AB042820.1	1
4201 SEOA8783	STEROL-REGULATORY ELEMENT-BINDING PROTEINS INTRAMEMBRANE PROTEASE (SITE-2 PROTEASE)	spO43462	1

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4202 ncrb4390	surf3 gene (ribosomal protein L7a)	X61923.1	1
4203 MIOA4686	acid sphingomyelinase (ASM) gene, exons a, and alternative a (3' end), b and c (5' end).	M59917	1
4204 SEOA6661a	ADAMTS-1	AB001735	1
4205 seob7906	amyloid precursor protein homolog HSD-2	AF168956.1	1
4206 MIOA7606a	amyloid precursor protein-binding protein 1	U50939	1
4207 FCR1060	antileukoprotease (ALP)	X04470	1
4208 hfcr0285	basigin (BSG)(= M6 antigen)	NM_001728.1	1
4209 MIOA8648	CARBOXYPEPTIDASE H PRECURSOR (CPH) (CARBOXYPEPTIDASE E) (CPE) (ENKEPHALIN CONVERTASE) (PROHORMONE PROCESSING CARBOXYPEPTIDASE)	spP16870	1
4210 hfcr8510	carboxypeptidase Z (CPZ)	NM_003652.1	1
4211 MIOB2836	cathepsin S (CTSS)	M90696.1	1
4212 seob6256	cathepsin Z precursor (CTSZ) gene, exons 4, 5, and 6 and complete cds; and TH1 gene partial sequence (=HSPC130)	AF136276.1	1
4213 FCR6553	collagenase stimulatory factor (EMMPRIN) (=L20471 extracellular matrix metalloproteinase inducer)	L10240	1
4214 ncrb5145	cysteine sulfinic acid decarboxylase-related protein 4 (CSAD)	AF116548.1	1
4215 hfcr9884	ENO2 gene for neuron specific (gamma) enolase (=enolase 2, (gamma, neuronal))	X51956.1	1
4216 seob4612	inhibitor 2 of protein phosphatase 1	AJ133812.1	1
4217 hfcr6921	matrix metalloproteinase 19 (MMP19)	NM_002429.1	1
4218 FCR5141	metallocarboxypeptidase CPX-1	AF077738	1
4219 seob6625	metalloproteinase, complete cds	D83646.1	1
4220 ncrb4782	pancreatic carboxypeptidase B1precursor (RefSeq aa 5e-49)	NP_001862.1	1
4221 miob1074	parvulin	AB009690.1	1
4222 ncrb5744	peflin (PEF)	NM_012392.1	1
4223 fcrb1929	peptidase (mitochondrial processing) beta (PMPCB)	XM_055749.1	1
4224 SEOA4452a	peptidase D (PEPD) =J04605, prolidase(imidodipeptidase)	NM_000285.1	1
4225 hfcr8361	placental leucine aminopeptidase	D50810.1	1
4226 ncrb0254	procollagen C-proteinase enhancer protein type , complete cds	AB008549.1	1
4227 ncrb6394	procollagen type I proalpha 1	K01228.1	1
4228 fcrb1128	procollagen type I pro-alpha 2 chain (COL1A2) mRNA, complete cds	AF035120	1
4229 MIOA7973a	prostasin	U33446	1
4230 ncr7382	protease inhibitor 1 (anti-elastase),alpha-1-antitrypsin (RefSeq aa 3e-43)	NP_000286.1	1
4231 ncr8866	protease inhibitor 9 (ovalbumin type)(RefSeq aa 6e-31)	NP_004146.1	1
4232 FCR0751	protease subunit S5a (=U72664 S5a/antiseCRetory factor protein) 26S	U51007	1
4233 hfcr8495	protease, serine, 15 (PRSS15) (=Lon protease)	NM_004793.1	1
4234 hfcr6840	proteasome (prosome, macropain) 26S subunit, ATPase, 4 (PSMC4) (=MIP224)	NM_006503.1	1
4235 ncr4737	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10)	NM_002814.1	1

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4236 hfc1324	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Mov34 homolog)(PSMD7) (ORF)	NM_002811.1	1
4237 ncr9978	proteasome (prosome, macropain)activator subunit 2 (PA28 beta) (RefSeq aa 6e-83)	NP_002809.1	1
4238 ncr0803	proteasome (prosome, macropain)subunit, alpha type, 1 (RefSeq aa 3e-36)	NP_002777.1	1
4239 ncr2685	proteasome (prosome, macropain)subunit, alpha type, 5 (RefSeq aa 6e-35)	NP_002781.1	1
4240 ncr6367	proteasome (prosome, macropain)subunit, beta type, 5 (RefSeq aa 2e-41)	NP_002788.1	1
4241 MIOA5695	proteasome (prosome,maCRopain) 26S subunit, non-ATPase, 1 (PSMD1) =D44466 ,proteasome subunit p112,	NM_002807.1	1
4242 ncr8314	proteasome (prosome,macropain) 26S subunit, non-ATPase, 9 (PSMD9), mRNA	NM_002813.1	1
4243 SEOB0678a	PROTEASOME COMPONENT C3 (MACROPAIN SUBUNIT C3)(MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C3)	spP25787	1
4244 SEOA8854	PROTEASOME COMPONENT C5 (MACROPAIN SUBUNIT C5) (PROTEASOME GAMMA CHAIN) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C5)	spP20618	1
4245 BFCN0096	proteasome inhibitor hPI31 subunit	D88378	1
4246 MIOA2094	proteasome subunit HsC7-I	D26599	1
4247 FCR4012	proteasome subunit p3126S	D38047	1
4248 FCR7386	proteasome subunit p44.5 26S	AB003102	1
4249 FCR7171	proteasome subunit p58	D67025	1
4250 hfc6847	proteasome subunit p97 26S	D78151.1	1
4251 fcrb1066	protein arginine N-methyltransferase 1 (HRMT1L2) gene, complete cds, alternatively spliced, low match	AF222689	1
4252 MIOA7465a	protein arginine N-methyltransferase 2 (PRMT2)	U80213	1
4253 SEOB0002	PROTEIN PLT	spQ02083	1
4254 SEOA0721a	protein product (=AF125387) D.melanogaster L82D)	AK000987	1
4255 ncr1122	protein rapamycin associated protein (FRAP2) gene	U88966.1	1
4256 ncr3396	protein translocation complex beta (SEC61B)	NM_006808.1	1
4257 FCR3575	proteinase chain 5a (non-exact 71%) 26S	NM_002810.1	1
4258 miob3655	serine protease, umbilical endothelium (SPUVE)	NM_007173.1	1
4259 SEOA6565a	sorting nexin 10 (SNX10)	AF121860.1	1
4260 hfc6727	sorting nexin 11 (SNX11)	NM_013323.1	1
4261 SEOA6621a	stromelysin-3	X57766	1
4262 FCR3731	thimet oligopeptidase (metalloproteinase) (=U29366)	Z50115	1
4263 MIOB2656	thrombin inhibitor	Z22658.1	1
4264 MIOA8666	TIMP-3 (=mig-5) (=K222)	D45917	1
4265 seob5003	tissue inhibitor of metalloproteinase 2 (TIMP2)	NM_003255.1	1
4266 seob4896	tissue inhibitor of metalloproteinase 4 (TIMP4) gene	AF057532.1	1
4267 seob4804	tripeptidyl peptidase II (TPP2)	NM_003291.1	1
4268 ncr9460	trypsin-like serine protease (TLSP) gene	AF164623.1	1
4269 hfc9894	Ubc6p homolog	U93242.1	1
4270 MIOA0626a	33 polypeptide	X07266	1
4271 seob5538	BRCA1, Rho7 and vat1 genes	L78833.1	1
4272 ncr3139	BRCA1-associated RING domain protein (BARD1)	AF038042.1	1

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4273	HFCR3165	chaperonin subunit 5 (epsilon) (Cct5) (=D43950.1 Human gi6671701 KIAA0098)		1
4274	seob4322	deubiquitinating enzyme (UNPH4)= AF153604 ubiquitin-specific protease homolog (UPH)	AF106069	1
4275	miob4756	E1-E2 ATPase	AF155913.1	1
4276	ncr5442	farnesyltransferase, CAAX box, beta (FNTB)	NM_002028.1	1
4277	ncrb1549	F-box only protein 3 (FBXO3)	NM_012175.1	1
4278	seoa7709a	F-box only protein 9 (FBXO9), transcript variant 2, mRNA /cds=(367,1680) /gb=NM_033480 /gi=15812200 /ug=Hs.11050 /len=3454	Hs.11050	1
4279	SEOA5465a	F-box protein Fbl3a (ORF)	AF129532_1	1
4280	SEOA6129a	F-box protein FBX11	AF176706	1
4281	miob2960	F-box protein Fbx25	AAF04526.1	1
4282	ncrb2771	F-box protein FBX29 (FBX29)	AF176707.1	1
4283	ncrc1029	F-box protein Lilina (LILINA)	AF179221.1	1
4284	FCR3698	hkf-1	D76444	1
4285	hfc2784	huntingtin interacting protein HYPB	AF049610.1	1
4286	ncr3376	huntingtin-interacting	AF049528	1
4287	ncr1507	LUCA-15 protein splice variant	AF107493	1
4288	FCR2102	miCRosomal signal peptidase complex (SPC 18)	J05466	1
4289	hfc1259	MRS1 protein (MRS1)	NM_015368.1	1
4290	ncrb3284	myristoyl-CoA:protein N-myristoyltransferase	Y17208.1	1
4291	fcrb2167	Nedd-4-like ubiquitin-protein ligase (LOC116013)	XM_057201.1	1
4292	FCR0791	neuronal calcium sensor (NCS-1)	L27421	1
4293	SEOB3503	N-myristoyltransferase 2 (NMT2)	NM_004808.1	1
4294	hfc0263	paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein) (PACE)	NM_002569.1	1
4295	fcrb2652	peptidylprolyl isomerase (cyclophilin)-like 3 (PPIL3)(= similar to 4-1BB-mediated signaling molecule,)	NM_032472.1	1
4296	cr0026	peptidylprolyl isomerase D (cyclophilin D) (PPID), mRNA /cds=(99,1211) /gb=NM_005038 /gi=4826931 /ug=Hs.143482 /len=1812	Hs.143482	1
4297	FCR3005	peroxisomal acyl-coenzyme A oxidase	S69189	1
4298	BFCW0326	PEROXISOMAL ANTIOXIDANT ENZYME (LIVER TISSUE 2D-PAGE SPOT 71B)	spP30044	1
4299	SEOA2972a	peroxisomal Ca-dependent solute carrier	AF004161	1
4300	FCR0637	prolyl oligopeptidase	X74496	1
4301	miob6087	protein disulfide isomerase-related (PDIR)	NM_006810.1	1
4302	FCR1182	protein gene product (PGP) 9.5 (=P09936 UBIQUITIN CARBOXYL-TERMINAL HYDROLASE ISOZYME L1 (UCH-L1))	X04741	1
4303	hfc8957	rapamycin- and FK506-binding protein	M75099.1	1
4304	MIOA8051a	ribophorin I	Y00281	1
4305	ncrc0508	signal recognition particle 19kD (SRP19), mRNA	NM_003135.1	1
4306	MIOA8622	site-1 protease(subtilisin-like, sterol-regulated, cleaves sterol regulatory element binding proteins) (S1P) (=KIAA0091)	NM_003791.1	1
4307	MIOA2993a	SRcyp protein (=U40763 Clk-associated RS cyclophilin CARS-Cyp)	X99717	1
4308	hfc5514	synthetic ubiquitin (UBCEP80) gene	M24507.1	1
4309	SEOA2467	TL132	AJ012755	1
4310	MIOA8704	translocon-associated protein alpha subunit (=DCN)	AF156965.1	1

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4311 FCR4214	ubiquinone oxidoreductase complex CI-PDSW	X63224	1
4312 ncr0095	ubiquitin associated protein (UBAP),	NM_016525.2	1
4313 SEOA0488	UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (UBIQUITIN THIOLESTERASE 64E)	spQ24574	1
4314 hfcr9727	ubiquitin carrier protein E2-C (UBCH10)(= cyclin- selective ubiquitin carrier protein)	NM_007019.1	1
4315 FCR2859	ubiquitin conjugating enzyme (UbcH8)	AF031141	1
4316 hfcr4112	ubiquitin conjugating enzyme type UBC9	X96427.1	1
4317 SEOB3313	Ubiquitin conjugating enzyme UEV1Bs (UBE2V)	U97280.1	1
4318 ncr6984	ubiquitin fusion degradation 1-like(RefSeq aa 6e-57)	NP_005650.1	1
4319 fCR1002	ubiquitin ligase (Nedd4) protein	U50842	1
4320 ncr9105	ubiquitin specific protease 13 (isopeptidase T-3) (RefSeq aa 2e-63)	NP_003931.1	1
4321 seoa8109	ubiquitin specific protease 3 (USP3), mRNA /cds=(93,1658) /gb=Nm_006537 /gi=5730109 /ug=Hs.251636 /len=2309	Hs.251636	1
4322 ncr8337	ubiquitin specific protease 7 (herpes virus-associated) (USP7), mRNA	NM_003470.1	1
4323 seob4835	ubiquitin specific protease 8 (USP8)(=KIAA0055)	NM_005154.1	1
4324 ncrb4990	ubiquitin specific protease 9 (USP9Y)	XM_000563.1	1
4325 ncr9587	ubiquitin-activating enzyme E1 (A1S9T and BN75 temperature sensitivity complementing)(UBE1)	NM_003334.1	1
4326 hfcr1744	ubiquitinating enzyme E2-230 kDa	U20780.1	1
4327 MIOA8274	UBIQUITIN-CONJUGATING ENZYME E2-17 KD (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (HR6B)	spP23567	1
4328 MIOA1971a	ubiquitin-conjugating enzyme E2A (RAD6 homolog) (UBE2A) (=M74524 HHR6A (yeast RAD 6 homologue))	gi4507768	1
4329 fcrb2596	ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9)	XM_007786.5	1
4330 SEOA4606a	ubiquitin-conjugating enzyme E2L 1 (UBE2L1) = (UBE2L3) =UbcH7(ORF)	NM_003346.1	1
4331 ncrb4547	ubiquitin-conjugating enzyme HBUCE1 (LOC51619)	NM_015983.1	1
4332 FCR4405	ubiquitin-conjugating enzyme UbcM2	AF003346	1
4333 SEOA0065	ubiquitin-conjugating enzyme UbcM3	X92665	1
4334 fCR0285	ubiquitin-like protein	D23662	1
4335 ncr6096	ubiquitin-protein ligase E3-alpha (UBR1) gene, exon 9	AF067385.1	1
4336 fcrb1921	ubiquitin-protein ligase NEDD4-like (NEDD4L)	NM_015277.1	1
4337 ncr7151	vacuolar protein sorting 35	NM_018206.1	1
4338 seob5080	vacuolar protein sorting 45B (yeast homolog) (VPS45B)	NM_007259.1	1
4339 BFCW0426	vacuolar protein sorting homologue h-vps45	U35246	1
4340 ncrb8538	vacuolar protein sorting protein 16	AAG34678.1	1
4341 FCR0018n	VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS28	spQ02767	1
4342 seob4805	vacuolar proton pump delta polypeptide (VATD)	NM_015994.1	1
4343 mioa9510	zinc metalloproteinase,STE24 (yeast, homolog) (ZMPSTE24)	NM_005857.1	1
4344 seob8090	zinc transporter 1 (ZNT1)	AF048701.1	1
4345 MIOA7555a	AZ2	AB007141	1
4346 MIOA8261	bromodomain protein CELTIX1	AAF19526.1	1



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4347 ncr2370	corticotropin releasing hormone-binding protein (CRHBP)	NM_001882.2	1
4348 SEOA3007a	ID4 protein	Y07958	1
4349 fcrb1989	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein (ID2)	XM_045365.1	1
4350 ncr8843	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein; IKAP (RefSeq aa 3e-69)	NP_003631.1	1
4351 MIOA5511a	methyl-CpG-binding protein 2	AJ132917.1	1
4352 FCR0259	modifier 3 (M33) (=Y13274 M33 polycomb-like protein)	Y13274	1
4353 ncrb6960	neural retinal-specific	U95012.1	1
4354 hfcr1339	neural specific protein CRMP-2 gene	U83278.1	1
4355 ncrb1892	TANK-binding kinase 1 (TBK1)	NM_013254.1	1
4356 mioa9891	TBP-associated factor 170 (TAFII170)(low match)	AJ001017.2	1
4357 hfcr7864	4-aminobutyrate aminotransferase (ABAT), nuclear gene encoding mitochondrial protein, (= GABAT)	NM_000663.1	1
4358 ncrb0367	activating transcription factor 6 (RefSeq aa 2e-70)	NP_031374.1	1
4359 ncrb6833	adenovirus 5 E1A binding protein (BS69)	NM_006624.1	1
4360 SEOA4404a	AF-6	AB011399	1
4361 ncrb6357	AT-binding transcription factor 1 (ATBF1)(= zinc finger homeodomain protein (ATBF1-A)(= for alpha-fetoprotein enhancer binding protein)	NM_006885.1	1
4362 SEOB0304	BACH1	AB002803.1	1
4363 SEOA6377	basic transCRiption factor 62kD subunit (BTF2)	M95809	1
4364 MIOA0307	basic-leucine zipper nuclear factor (JEM-1)	U79751	1
4365 miob3035	BCE-1 protein (BCE-1)	NM_007005.1	1
4366 ncr3380	B-cell CLL/lymphoma 3 (BCL3)	NM_005178.1	1
4367 ncr5651	Bcl-2-associated transcription factor short form mRNA	AF249273.1	1
4368 miob5031	beta-hydroxysteroid dehydrogenase type VII 17 (HSD17B7)	AF098786.2	1
4369 SEOA1069a	B-IND1 protein (B-ind1)	Z97207.2	1
4370 FCR2686	B-myb	X13293	1
4371 seoa8083	BTF3 protein homologue gene, complete cds /cds=(0,644) /gb=M90356 /gi=179575 /ug=Hs.181967 /len=645	Hs.181967	1
4372 SEOA7094a	C3HC4-like zinc finger protein	AF214680	1
4373 FCR5723	CAGH1a (CAGH1)	U80738	1
4374 hfcr2301	cAMP responsive element modulator (CREM)	AF213898.1	1
4375 FCR2999	CCAAT transCRiption binding factor subunit gamma (=U78774 NFY-C)	Z74792	1
4376 FCR3101	CCT (chaperonin containing TCP-1) epsilon subunit (=D43950 human hypothetical protein (KIAA0098))	Z31555	1
4377 MIOA6840a	cell growth regulatory with ring finger domain (CGR19=U66469 (ORF)	NM_006568.1	1
4378 MIOA5368a	Che-1 (ORF)	AF083208	1
4379 ncr3412	c-helix-loop-helix-PAS orphan MOP3	AF044288.1	1
4380 ncrb8319	chick ovalbumin upstream promoter transcription factor II (COUP-TFII)	M62760.1	1
4381 SEOB2169	cis-acting sequence	M82882.1	1

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4382	SEOB2658	CREB binding protein (Rubinstein-Taybi syndrome) (CREBBP)	gi4758055	1
4383	MIOA7323	CREB327=cyclic AMP-responsive enhancer binding protein	S72459	1
4384	hfc5798	CRE-BP1 transcription factor = cyclic AMP response	U16028.1	1
4385	ncrc6129	DNA (cytosine-5-)-methyltransferase 1(RefSeq aa 3e-58)	NP_001370.1	1
4386	FCR1378	DNA for 3' untranslated region of the Id4 dominant negative helix-loop-helix gene	AJ001971	1
4387	SEOA5258a	DNA-binding factor (ORF)	M29204	1
4388	hfc3454	DNA-binding protein (mbp-1)	M32019.1	1
4389	SEOA8870	DNA-BINDING PROTEIN RFXANK	spO14593	1
4390	fCR0483	Dr1-associated corepressor (DRAP1)	U41843	1
4391	BFCS0503	erm	X96375	1
4392	seob7419	erythroid differentiation-related factor 1	AF040247.1	1
4393	FCR3686	ETO=MTG8 (=X79990;D14289;D43638;D13979;D14821)	S78158	1
4394	FCR4782	ETS (qh43e05.x1 Soares_NFL_T_GBC_S1 clone IMAGE:1847456 3')	AI239823	1
4395	hfc9140	ets-like protein (clone 3A)	Z49982.1	1
4396	hfc5150	ETX1, ETX1=X-linked retinitis pigmentosa (RP3)	S82496.1	1
4397	fcrb2710	frezzed (fre) mRNA, complete cds	U68057.1	1
4398	ncrc5292	Friend of GATA2 (FOG2)	NM_012082.2	1
4399	seoa0985m	frizzled-1	AB017363	1
4400	FCR6733	frizzled-7	AB017365	1
4401	MIOA4564a	g1-related zinc finger protein	AF171875	1
4402	hfc1177	GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 1 (GCN5L1)	NM_001487.1	1
4403	ncrc6848	general transcription factor IIIC, polypeptide 2 (beta subunit, 110kD) (RefSeq aa 1e-82)	NP_001512.1	1
4404	hfc1834	GT212	L38935.1	1
4405	hfc7448	hairy/enhancer-of-split related with YRPW motif 1 (HEY1) (=CHF2)	NM_012258.1	1
4406	miob6999	hbrm	X72889.1	1
4407	miob4851	helix-loop-helix protein (Id-2)	M97796.1	1
4408	seob5302	helix-loop-helix transcription factor sequence	M97636.1	1
4409	hfc2687	hepatocellular carcinoma associated ring finger protein	AF247565.1	1
4410	FCR3932	HIV associated non-Hodgkin's lymphoma (clone hl1-2)	Y16715	1
4411	ncr6141	HIV-1 rev binding protein 2 (RefSeq aa 5e-83)	NP_008974.1	1
4412	ncrc4444	HIV-1 Vpr-binding protein (VprBP)	AF061935.1	1
4413	SEOA5297a	HIV-associated non-Hodgkin's lymphoma (clone hl2-1)	Y17170	1
4414	seob7015	HIV-EP2/Schnurri-2	M60119.1	1
4415	MIOA1058	HMG box containing protein 1	AF019214	1
4416	hfc7357	homeo box B5 (HOXB5)	NM_002147.1	1
4417	hfc8878	homeo box C10 (HOXC10), (=homeoprotein C10) (HOXC10))	NM_017409.1	1
4418	hfc3032	homeobox protein mRNA, 3' end,clone HOX2.3	M30598.1	1
4419	ncr5055	homeodomain interacting protein kinase 2 (Hipk2)	NM_010433.1	1

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4420 ncr2576	homeostasis endoplasmic reticulum protein (ERPROT213-21)	NM_006387.2	1
4421 seoa0980m	HOX2H	X16665	1
4422 ncrb8614	HRS gene, partial cds (=SRp40-1)	AF020307.1	1
4423 ncr6336	Hypothetical zinc finger-like protein	AAF88107.1	1
4424 ncr7661	hypoxia inducible factor (aHIF) antisense R+D2321NA sequence	U85044.1	1
4425 miob0797	hypoxia inducible gene-14	AB017708.1	1
4426 MIOA6262a	HZF2 zinc finger protein	X78925	1
4427 hfc8826	HZF4 mRNA for zinc finger protein	X78927.1	1
4428 seob7669	HZF9 zinc finger protein	X78932.1	1
4429 FCR3620	Id1 (=U57645;S78825)	X77956	1
4430 hfc9901	interferon regulatory factor 3 (IRF3)	NM_001571.1	1
4431 MIOB0567	Jun activation domain binding protein	U65928.1	1
4432 fcrb2098	jun dimerization protein gene	AF111167.2	1
4433 ncr4440	KIAA0744 gene product; histone deacetylase 7 (KIAA0744)	NM_014707.1	1
4434 ncrb6501	KIAA1605 (=transcription factor LZIP-alpha gene)	AB046825.1	1
4435 ncr5260	KIAA1611 protein (=ZINC FINGER PROTEIN 195)	BAB13437.1	1
4436 FCR0476	KNL4 and MAZ(kinesin-like DNA binding protein and Myc-associated zinc finger protein)	AB017335	1
4437 fcrb0624	KRAB zinc finger protein (RITA)	AF272148.1	1
4438 miob6993	krueppel-like zinc finger protein HZF2	AF220492.1	1
4439 seob4333	leucine zipper transcription factor-like 1 (LZTFL1 gene)	AJ297351.1	1
4440 SEOB3239	LIM-domain binding factor CLIM1 (CLIM1)	AF068651.1	1
4441 FCR6634	MAR/SAR DNA binding protein (SATB1)	M97287	1
4442 FCR0646	Meis1-related protein 1b (Mrg1b)	U68384	1
4443 FCR2148	Meis1-related protein 2 (MRG2)	U68385	1
4444 MIOA2788a	MFH-1 (=X74040)	Y08223	1
4445 FCR4082	MIDA1 (=U53208 ZRF1)	D63784	1
4446 FCR6184	midline 1 fetal kidney isoform 2 (MID1)	AF041209	1
4447 ncr4136	midline 1 fetal kidney isoform 3 (MID1)	AF041210.1	1
4448 ncrb3541	monocytic leukaemia zinc finger protein (MOZ)	U47742.1	1
4449 miob6562	monokine induced by gamma interferon (MIG)	NM_002416.1	1
4450 SEOA6284	MYCL2 (low match)	J03069	1
4451 MIOA2374a	novH	X78354	1
4452 fcrb1920	NPAT gene	D89854.1	1
4453 ncr0664	nuclear cap binding protein 1, 80kD (NCBP1)	NM_002486.1	1
4454 hfc7676	nuclear factor I (NFI)	U18761.1	1
4455 SEOB2936	nuclear factor NF45	U10323.1	1
4456 MIOA4135	nuclear factor of activated T-cells 5 (NFAT5)(ORF)=transCRiption factor NFAT5 isoform b (NFAT5) =AB020634 KIAA0827 protein,	NM_006599.1	1
4457 SEOA1672a	nuclear inhibitor of protein phosphatase-1 (PPP1R8)	AF064757.1	1
4458 ncr5947	nuclear protein, ataxia-telangiectasia locus (RefSeq aa 3e-31)	NP_002510.1	1
4459 SEOA6038a	OZF	X70394	1
4460 hfc8609	paired-like homeodomain transcription factor 2 (PITX2)	NM_000325.1	1
4461 BFCN0204	PEBP2a1 protein	D14636	1
4462 SOA0537	pleomorphic adenoma gene-like 1 (PLAGL1)	U81992	1

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4463 FCR2341	PP15 (placental protein 15)	X07315	1
4464 ncr6335	Pur (pur-alpha)	M96684.1	1
4465 ncr6422	putative hepatic transcription factor (WBSCR14) gene	AF156673.1	1
4466 SEOA4870a	putative transCRiption factor CA150 (ORF)	AF017789	1
4467 ncr62959	putative transcription factor-like nuclear regulator (=KIAA1241)	CAC04245.1	1
4468 SEOA5214a	putative translation initiation factor (SUI1) =L26247= sui1iso1 (ORF)	NM_005801.1	1
4469 ncr1563	putative zinc finger protein (RefSeq aa 2e-30)	NP_057688.1	1
4470 ncr1948	putative zinc finger protein NY-REN-34 antigen (LOC51131)	NM_016119.1	1
4471 hfc4477	RELA (v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65)))	CAB66119.2	1
4472 FCR3987	retinoblastoma binding protein RBQ-1	X85133	1
4473 FCR2174N	ring finger protein 1 (RING1)	Z14000	1
4474 fcrb1763	ring finger protein 5 (RNF5)	XM_057888.1	1
4475 hfc5381	Ring1 and YY1 binding protein (RYBP)	NM_012234.1	1
4476 miob4886	RING12	X62741.1	1
4477 MIOB2093	RING4	X57522.1	1
4478 fcrb2715	runt-related transcription factor 3 (RUNX3), (=PEBP2aC1 acute myeloid leukaemia )	XM_001616.3	1
4479 FCR0280	SAP18, Sin3-associated-polypeptide 18	Z97062	1
4480 ncr8880	short form transcription factor C-MAF (c-maf)	AF055376.1	1
4481 ncr9977	SIX4 gene	AB024687.1	1
4482 MIOA3080a	SMAD5 (Smad5)	AF010607	1
4483 hfc8410	small zinc finger-like protein (TIM13)	AF144700.1	1
4484 SEOA0996	small zinc finger-like protein (TIM9a)	AF150100.1	1
4485 hfc7621	SOX11	AB028641.1	1
4486 ncr8968	SOX6 (SOX6) gene	AF309471.1	1
4487 MIOA4548a	SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2)	U22818	1
4488 MIOA1293n	SRE-ZBP	Z11773	1
4489 hfc0277	SRF accessory protein 1B (SAP-1)	M85164.1	1
4490 MIOB2166	Staf50	X82200.1	1
4491 miob5098	strain C57BL/6 zinc finger protein 106 (Zfp106)	AF060246.1	1
4492 SEOB0755	survival of motor neuron protein interacting protein 1 (SIP1)	AF027150.1	1
4493 SEOA3419a	SYBL1 (contains L1 repeat)	gi4165269	1
4494 SEOA9501	TAR (HIV) RNA-binding protein 1 (TARBP1)(ORF) = U38847.1	NM_005646.1	1
4495 miob0733	TAR DNA binding protein(TARDBP) (=DKFZp564O1716)	NM_007375.1	1
4496 ncr3778	TATA binding protein associated factor (TAFII150) (=FLJ10756 fis)	AF040701.1	1
4497 fcrb0664	TATA box binding protein (TBP)-associated factor, RNA polymerase II, H, 30kD (TAF2H)	NM_006284.1	1
4498 ncr3701	TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kD (TAF1A)	NM_005681.1	1
4499 ncr9215	TATA box binding protein(TBP)-associated factor, RNA polymerase II, K, 18kD(RefSeq aa 7e-56)	NP_005636.1	1

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4500 fcrb0956	TATA box binding protein-related factor 2 mRNA, complete cds	AF136570	1
4501 FCR1004n	TATA-binding protein (=Z22828 TFIID)	M55654	1
4502 FCR0409	Tat-SF1	U76992	1
4503 fcrb1733	TGF(beta)-induced transcription factor 2 (LOC116040)	XM_057236.1	1
4504 hfc1053	thyroid hormone receptor coactivating protein (SMAP)	NM_006696.1	1
4505 hfc8456	thyroid receptor interactor (TRIP8)	L40411.1	1
4506 FCR6183	thyroid receptor interactor (TRIP9)	L40407	1
4507 MIOA3674a	tissue-type pituitary Kruppel-associated box protein	AF070666	1
4508 ncrb7523	TPMT thiopurine S-methyltransferase gene	AB045146.1	1
4509 SEOA5138a	transCRipt associated with monocyte to maCRophage differentiation	X85750	1
4510 ncrb3369	transcription elongation factor B (SIII), polypeptide 1 (15kD, elongin C)(TCEB1)(= polymerase II elongation factor SIII, p15 subunit mRNA)),	NM_005648.1	1
4511 FCR5814	transCRiption elongation factor TFII.S.h	AJ223473	1
4512 MIOA1165	transCRiption factor (TFIIB)	M76766	1
4513 ncr7027	transcription factor 12 (RefSeq aa 1e-54)	NP_003196.1	1
4514 ncr0138	transcription factor 17(TCF17) (ORF)	NM_005649.1	1
4515 ncr2207	transcription factor BMAL2 (RefSeq aa 8e-35)	NP_064568.1	1
4516 SEOA1646a	transCRiption factor CA150 (CA150) (=AF017789)	gi5729753	1
4517 ncr0766	transcription factor Dp-2 (E2F dimerization partner 2) (TFDP2)	NM_006286.1	1
4518 BFCW0492	transCRiption factor ETR103	M62829	1
4519 miob1362	transcription factor IGHM enhancer 3, JM11 protein, JM4 protein, JM5 protein, T54 protein, JM10 protein, A4 differentiation-dependent protein, triple LIM domain protein 6, and synaptophysin genes, complete cds; and L-type calcium channel a>	AF196779.1	1
4520 miob4574	transcription factor IIC102	AF133123.1	1
4521 SEOB0547	transCRiption factor L-Sox5	AJ010604.1	1
4522 FCR2106	transCRiption factor RTEF-1 (RTEF1)	U63824	1
4523 BFCW0423	transCRiption factor SL1	L39060	1
4524 hfc8421	transcription factor SOX8 (SOX8)	AF164104.1	1
4525 MIOA6292a	transCRiption factor TFIIA small subunit p12	U21242	1
4526 hfc4028	transcription factor(HSA130894)	NM_017569.1	1
4527 ncr0608	transcription factor-like 1(TCFL1)(= YL-1 mRNA for YL-1 protein(nuclear protein with DNA-binding ability))	NM_005997.1	1
4528 ncr0744	transcription initiation factor IA protein (TIF-IA gene)	AJ272050.1	1
4529 SEOA3344a	transCRiption initiation factor TFIID subunit TAFII31	U30504	1
4530 SEOA2141	transCRiption regulator protein (BACH1)	AF026199	1
4531 FCR3525	transCRiption regulator RPD3-2B (=AF039703 histone deacetylase 3;AF005482;U75696)	U75697	1
4532 ncrb2027	transcription termination factor, RNA polymerase I (RefSeq aa 9e-58)	NP_031370.1	1
4533 BFCN0247	transCRiptional activator hSNF2a (=X72889 hbrm)	D26155	1
4534 MIOA6172a	transCRiptional co-activator CRSP33 (CRSP33)	AF104251	1
4535 seob8200	transcriptional enhancer factor (TEF1)	M63896.1	1
4536 SEOA1776a	transCRiptional intermediary factor 1 alpha	AF119042	1
4537 SEOB1026	transCRiptional repressor (CTCF)	U25435.1	1
4538 ncrb5614	transcription-associated zinc ribbon protein (ZNRD1)	AF024617.1	1

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4539 FCR7042	transducin beta-2 subunit (=M16538 signal-transducing guanine nucleotide-binding regulatory (G) protein beta subunit)	M36429	1
4540 mioa7775a	ubiquitin (UBN1) gene, exons 1b and 2	AF108454.1	1
4541 ncrb3056	WD repeat domain 6 (WDR6)	NM_018031.2	1
4542 MIOA1483m	X2 box repressor	U22680	1
4543 seob6522	X28 region near ALD locus containing dual specificity phosphatase 9 (DUSP9), ribosomal protein L18a (RPL18a), Ca <sup>2+</sup> /Calmodulin-dependent protein kinase I (CAMKI), creatine transporter (CRTR), CDM protein (CDM), adrenoleukodystrophy protein >	U52111.2	1
4544 FCR4224	XAP-4 GDI (=X79353)	X79353	1
4545 hfcr2844	YSK1	D63780.1	1
4546 hfcr7831	yz99g12.r1 Soares melanocyte 2NbHM cDNA clone IMAGE:291238 5'	W03533.1	1
4547 hfcr1848	ZFX transcription activator	X59739.1	1
4548 seob2601	ZHX1 protein (ZHX1)	AF195766.1	1
4549 SEOA0302	zinc finger 2 (ZNF2 gene)	X60152.1	1
4550 miob4346	zinc finger 5 protein	D89859.1	1
4551 SEOA0137	zinc finger homeobox protein ZHX1	AF106862.1	1
4552 miob4359	zinc finger homeodomain protein	U12170.1	1
4553 FCR1369	zinc finger protein (HZF6) (non-exact, 66%)	AF027513	1
4554 hfcr0130	zinc finger protein (LOC51042)	NM_015871.1	1
4555 FCR5100	zinc finger protein (low match)	X78933	1
4556 ncr4050	zinc finger protein (ZAN75)	NM_018759.1	1
4557 ncrb8250	zinc finger protein (ZNF139)mRNA	U09848.1	1
4558 SEOA3582a	zinc finger protein (ZNF141)	L15309	1
4559 SEOA1002	zinc finger protein (ZNF155)	U09852	1
4560 FCR3163	zinc finger protein (ZNF741)	U28282	1
4561 miob6713	zinc finger protein (ZNF-U69274)	NM_014415.1	1
4562 ncr5207	zinc finger protein 10 (KOX 1) (RefSeq aa 3e-47)	NP_003410.1	1
4563 miob6768	zinc finger protein 124 (HZF-16) (ZNF124)	NM_003431.1	1
4564 SEOA6638a	ZINC FINGER PROTEIN 136 (61% aa)	spP52737	1
4565 ncr1031	zinc finger protein 136 (clone pHZ-20)(RefSeq aa 3e-30)	NP_003428.1	1
4566 ncr8867	zinc finger protein 146 (ZNF146)	NM_007145.1	1
4567 ncr4656	zinc finger protein 161 (RefSeq aa 1e-74)	NP_009077.1	1
4568 ncr5659	zinc finger protein 162 (ZNF162)	NM_004630.1	1
4569 SEOA5799	ZINC FINGER PROTEIN 177 (69% aa)	spQ13360	1
4570 MIOB2841	zinc finger protein 195 (ZNF195)	gi6005973	1
4571 miob4160	zinc finger protein 198 (ZNF198)	NM_003453.1	1
4572 ncr6871	zinc finger protein 202(ZNF202)	NM_003455.1	1
4573 miob6438	zinc finger protein 223 (ZNF223)	NM_013361.1	1
4574 ncr8794	zinc finger protein 232 (RefSeq aa 2e-68)	NP_055334.1	1
4575 ncr2874	zinc finger protein 258 (ZNF258)	NM_007167.1	1
4576 seoa7032	zinc finger protein 268 (ZNF268) mRNA, complete cds /cds=(330,3173) /gb=AF317549 /gi=12584158 /ug=Hs.183291 /len=3826	Hs.183291	1
4577 SEOA9566	zinc finger protein 281 (ZNF281) (ORF)	NM_012482.1	1
4578 mioa7876	zinc finger protein 288 (ZNF288), mRNA /cds=(488,2494) /gb=NM_015642 /gi=7661651 /ug=Hs.159456 /len=2829	Hs.159456	1

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4579 hfc167	zinc finger protein 297 (ZNF297)	NM_005453.2	1
4580 miob4860	zinc finger protein 41 (ZNF41)	M92443.1	1
4581 FCR0278	ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)	spP51522	1
4582 ncr7345	zinc finger protein dp	AF153201.1	1
4583 SEOA6106a	zinc finger protein EZNF (EZNF)	AF116030	1
4584 MIOA8590	zinc finger protein FOG-2	AF119334.1	1
4585 ncrb8608	zinc finger protein homologous to Zfp-36 in mouse (ZFP36)	NM_003407.1	1
4586 hfc7805	zinc finger protein mRNA	Y14443.1	1
4587 hfc5919	zinc finger protein NY-REN-21 antigen	AF155100.1	1
4588 ncr4815	zinc finger protein SBZF2 mRNA, complete cds	AF139460.1	1
4589 MIOA1375a	zinc finger protein ZNF131	U09410	1
4590 SEOB1848	zinc finger protein ZNF140	U09368.1	1
4591 ncr3511	zinc finger protein(ZF5128)	NM_014347.1	1
4592 MIOA4883a	zinc finger protein, C3H-type =AF061261 zinc finger protein (MBLL) mRNA,	NM_005757.1	1
4593 seob8297	zinc finger protein, HZF2	X78925.1	1
4594 ncr5472	zinc finger protein219	NM_016423.1	1
4595 FCR5369	zinc finger RNA binding protein (Zfr)	AF071059.1	1
4596 FCR1169	zinc-finger protein (ZNF76)	M91592	1
4597 SEOA3515a	zinc-finger protein PFM1, PR-domain	AF144757.1	1
4598 ncrb7844	Zn-15 related zinc finger protein (rlf) mRNA, complete cds	U22377.1	1
4599 seob7595	ZNF135-like protein	AF265236.1	1
4600 MIOA2158a	ZNF258 (ZNF258)	AF055470	1
4601 fCR0935	ZNF81 (non-exact)	X68011	1
4602 fcrb2541	bromodomain-containing 7 (BRD7), mRNA	NM_013263.1	1
4603 FCR3282	218 kD Mi-2 protein (= proliferating cell nucleolar protein P120)	X86691	1
4604 MIOA8665	cell-line THP-1 GTP cyclohydrolase I	U66095.1	1
4605 mioa9719	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD (CSTF3)	NM_001326.1	1
4606 FCR2860	CPSF (cleavage and polyadenylation specificity factor) 73 kDa subunit	X95906	1
4607 FCR1305	CTD-binding SR-like protein rA8	U49055	1
4608 ncr2930	C-terminal binding protein 2 (CTBP2)	NM_001329.1	1
4609 hfc2547	dCMP deaminase (DCTD)	NM_001921.1	1
4610 fcrb0993	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (Dbp5, yeast, homolog) (DDX19), mRNA	NM_007242.1	1
4611 mioa9962	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD) (DDX6) (ORF)	NM_004397.1	1
4612 hfc0957	DEAD-box protein abstrakt(ABS), (ORF)	NM_016222.1	1
4613 ncrb6836	double stranded RNA activated protein kinase (PKR) gene, intron 1	AF167458.1	1
4614 ncr6031	double-stranded RNA binding nuclear protein DRBP76 delta (ILF3 gene)	AJ271746.1	1
4615 ncrb6720	endoplasmic reticulum lumenal protein (ERP28)	NM_006817.1	1
4616 hfc0236	EWS gene	AB016207.1	1
4617 ncr1699	glutamyl-prolyl tRNA synthetase; proline tRNA ligase; glutamate tRNA ligase (RefSeq aa 1e-87)	NP_004437.1	1

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4618 fcrb1312	heterogeneous nuclear ribonucleoprotein A0 (HNRPA0)	NM_006805.1	1
4619 SEOA1071a	heterogeneous nuclear ribonucleoprotein L (HNRPL)	X16135	1
4620 FCR7405	hnRNA-binding protein M4 (M4 protein)	S35532	1
4621 seob7082	hnRNP-E1	X78137.1	1
4622 SEOA1551	LRR FLI-I interacting protein 2 (LRRFIP2)	AF115509.1	1
4623 miob0644	nuclear matrix protein p84	NM_005131.1	1
4624 hfc0675	nuclear protein (mdm-1)	M20823.1	1
4625 ncr2994	nuclear protein double minute 1	AF267851.1	1
4626 SEOA0898	nuclear protein, NP220	D83032	1
4627 ncrb4677	ORF2 consensus sequence encoding endonuclease and reverse transcriptase minus RNaseH	AAB41224.1	1
4628 ncr1282	partial mRNA for double stranded RNA binding nuclear protein ILF3	AJ271747.1	1
4629 ncrb8464	poly(A)-binding protein, cytoplasmic 4 (inducible form) (PABPC4)	NM_003819.2	1
4630 FCR0474	pur alpha extended	X91648	1
4631 FCR4414	ribonucleoprotein SS-B/La (=J04205)	X13697	1
4632 ncr0179	RNA 3'-terminal phosphate cyclase (RPC) mRNA	NM_003729.1	1
4633 HFCR3160	RNA binding motif protein 4 (RBM4)	gi4506444	1
4634 MIOA8866	RNA binding motif protein 9 (isoform 1) (=AL009266 hypothetical protein)	CAB63054.1	1
4635 ncr3827	RNA binding motif protein, X chromosome (RBMX)	NM_002139.1	1
4636 MIOB1523	RNA cyclase homolog	AF067172.1	1
4637 hfc9239	RNA helicase (LOC51139)(= KIAA0801)	NM_016130.1	1
4638 SEOB0763	RNA helicase (RIG-I)	AF038963.1	1
4639 MIOA7212a	RNA helicase HDB/DICE1	AF141326.1	1
4640 SEOA2936a	RNA helicase-related protein	AF083255	1
4641 fcrb1789	RNA helicase-related protein (RNAHP)	XM_044384.1	1
4642 fcrb0213	RNA-binding protein (autoantigenic) (RALY)	NM_016732.1	1
4643 hfc2524	RRM RNA binding protein Gry-rbp (GRY-RBP)	AF037448.1	1
4644 ncrb7945	SIR2 (silent mating type information regulation 2, <i>S.cerevisiae</i> , homolog)-like(SIR2L)	NM_012237.1	1
4645 ncr9599	sir2-like 1 (SIRT1)	NM_012238.2	1
4646 hfc2984	small nuclear ribonucleoprotein D3 polypeptide (18kD) (SNRPD3)	NM_004175.1	1
4647 seob4625	small nuclear rna (snrna) gene (clone pu1-6) and flanks	K00529.1	1
4648 SEOA5637a	small nuclear RNA activating complex, polypeptide 1, 43kD (SNAPC1) (=Z47542)	4507100	1
4649 SEOA2391a	Smg GDS-associated protein SMAP	U59919	1
4650 MIOA6734a	SnRNP assembly defective 1 homologue (SAD1) (=AF132955 CGI-21)	gi5730024	1
4651 ncr7102	SNRPN	U81001.1	1
4652 SEOA0422	SOF1 PROTEIN	spP33750	1
4653 MIOA1944a	SPF31 (SPF31)	AF083190	1
4654 seob4693	splicing factor (45kD) (SPF45) (ORF)	NM_006450.1	1
4655 MIOA9067	splicing factor 30, survival of motor neuron-related (SPF30) (ORF)	NM_005871.1	1
4656 fcrb2197	splicing factor arginine/serine-rich 5 (SFRS5)	XM_031133.1	1
4657 hfc9323	splicing factor Prp8	AF092565.1	1
4658 HFCR3183	splicing factor SC35	M90104.1	1



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4659 MIOB2129	splicing factor SRp40-3 (SRp40)	U30827.1	1
4660 seob4001	splicing factor SRp55-1 (SRp-55)	U30883.1	1
4661 mioa7701a	splicing factor, arginine/serine-rich 2, interacting protein (SFRS2IP), mRNA /cds=(1210,4656) /gb=NM_004719 /gi=4759171 /ug=Hs.51957 /len=5307	Hs.51957	1
4662 FCR0770N	SPLICING FACTOR, ARGININE/SERINE-RICH 8 (SUPPRESSOR OF WHITE APRICOT PROTEIN HOMOLOG)	spQ12872	1
4663 ncr5046	splicing factor, arginine/serine-rich2, interacting protein (RefSeq aa 2e-82)	NP_004710.1	1
4664 FCR7308	splicing factor, SF1-HL1 isoform	Y08765	1
4665 hfcr9785	SRp25 nuclear protein(LOC51329)	NM_016638.1	1
4666 ncr3971	SRp46 splicing factor retropseudogene	AF031166.1	1
4667 hfcr3043	SR-related protein LD2 (=RNA-binding protein S1,serine-rich domain (RNPS1))	AF247662.1	1
4668 ncrb0864	staufer (Drosophila,RNA-binding protein) homolog 2 (STAU2)(= 39k3 protein)	NM_014393.1	1
4669 MIOA8289	staufer protein (STAU)	AF061940	1
4670 seob6467	step II splicing factor SLU7 (SLU7) (ORF)	NM_006425.1	1
4671 miob6472	SYNCRIP	AB035725.1	1
4672 fcrb1320	TIA1 cytotoxic granule-associated RNA-binding protein-like 1 (TIAL1)	NM_003252.1	1
4673 SEOB1466	tRNA-Lys gene (low match:nt 1e-10)	U00939.1	1
4674 FCR2542N	U1 small nuclear ribonucleoprotein 70 kd protein	M22636	1
4675 SEOB2067	u1B-IC/SNRPN transCRipt	L80005.1	1
4676 ncr2574	U2 small nuclear RNA gene	K03022.1	1
4677 FCR2607	U2 snRNP auxiliary factor small subunit	M96982	1
4678 MIOA7299	U5 snRNP-specific protein, 116 kD (U5-116KD) (=D21163 KIAA0031)	gi4759279	1
4679 seob7176	U50' snoRNA and U50 snoRNA	AB017710.1	1
4680 seob4191	U6 snRNA-associated Sm-like protein LSm6	AF182292.1	1
4681 fcrb1069	U6 snRNA-associated Sm-like protein LSm7 (LOC51690), mRNA	NM_016199.1	1
4682 SEOA1734a	U6 snRNA-associated Sm-like protein LSm8	AF182294.1	1
4683 ncr4912	pre-mRNA splicing factor (PRP18)	NM_003675.1	1
4684 FCR0272	RNA polymerase II 14.5 kDa subunit	Z23102	1
4685 MIOA4064a	RNA polymerase subunit hRPB 33	J05448	1
4686 fCR0138	rsly1p	U57687	1
4687 miob0496	SC35-interacting protein 1 (SRRP129)(= splicing factor Sip1)	NM_004719.1	1
4688 seoa7687a	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18 kD, clone MGC:22425 IMAGE:4289451, mRNA, complete cds	BC017821.1	1
4689 seoa7020	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55 kD (TAF7), mRNA /cds=(740,1789) /gb=NM_005642 /gi=14717406 /ug=Hs.155188 /len=2310	Hs.155188	1
4690 hfcr1760	BAT2-related gene	AL096857.1	1
4691 SEOA7608a	BC-2 protein	AF042384	1
4692 ncrb0045	chitinase 3-like 1(cartilage glycoprotein-39) (CHI3L1)	NM_001276.1	1
4693 ncr1055	Ig superfamily protein (Z39IG)	NM_007268.1	1

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4694 fcrb2502	lymphocyte antigen 6 complex, locus E (LY6E), mRNA	XM_051298.1	1
4695 hfc6651	natural killer cell enhancing factor (NKEFB)	L19185.1	1
4696 SEOA0462	75-kD autoantigen (PM-Sc1)	M58460	1
4697 MIOA3527a	activity and neurotransmitter-induced early gene 11 (ania-11)	AF050663	1
4698 hfc7076	alpha-2-macroglobulin receptor-associated protein	M63959.1	1
4699 FCR5392	B-cell receptor associated protein (hBAP)	U72511	1
4700 MIOA5812a	B-cell receptor-associated protein BAP29	AF126020	1
4701 FCR0787	cartilage associated protein	X97607	1
4702 hfc0517	cartilage associated protein(CRTAP)	NM_006371.1	1
4703 ncr1218	cbl-b	U26710.1	1
4704 BFCS0261	chromosome 1 immunoglobulin V (K)I	X17278	1
4705 SEOA1571	early activation antigen CD69	L07555	1
4706 miob0939	early endosome antigen 1, 162kD (EEA1)	NM_003566.1	1
4707 hfc8036	erythroblast macrophage protein EMP	AF084928.1	1
4708 ncrb0328	HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, ALPHA CHAIN F PRECURSOR	P30511	1
4709 miob2879	HLA class I locus C heavy chain	X58536.1	1
4710 FCR5937	HLA class III region (NOTCH4 gene)	U89336	1
4711 ncr7082	HLA-A gene, HLA-A*0205 allele	L76290.1	1
4712 hfc5988	HLA-B associated transcript-2 (D6S51E) =( MSH55 gene)	NM_004638.1	1
4713 mioa0737m	HLA-B35 mRNA (ORF)	Z22651	1
4714 ncrb2092	hla-dr heavy chain cooh terminus	J00200.1	1
4715 MIOA5165a	HMBA-inducible (HIS1)=AB021179 , HEXIM1 protein	NM_006460.1	1
4716 hfc1952	immunoglobulin (CD79A) binding protein 1 (IGBP1)	NM_001551.1	1
4717 seob4480	immunoglobulin G Fc receptor (ORF)	J03619.1	1
4718 SEOA2639	immunoglobulin superfamily containing leucine-rich repeat (ISLR)	AB024537.1	1
4719 hfc5404	immunoglobulin superfamily member protein (BL2)	AF132811.1	1
4720 miob5010	immunoglobulin superfamily, member 6 (IGSF6) (=AJ223183.1 DORA)	gi5031672	1
4721 ncrb6762	imogen 38 (RefSeq aa 1e-60)	NP_005821.1	1
4722 MIOA0869a	leukocyte common antigen (T200)	Y00638	1
4723 SEOA2970a	major histocompatibility class II antigen gamma chain	K01144	1
4724 ncrb5535	major histocompatibility complex, class I, E (HLA-E)	NM_005516.1	1
4725 SEOA4683a	major Yo paraneoplastic antigen(CDR2)	M63256	1
4726 ncr5192	male-enhanced antigen(MEA)	NM_014623.1	1
4727 ncr7952	MHC binding protein-2	AAA36202.1	1
4728 FCR5905	MHC class I promoter binding protein (=AF120161 retinoic X receptor beta (RXRB))	X65463	1
4729 SEOA4109a	miCRoglobulin (ORF){C to A point mutation at nucleotide 121}	S82300	1
4730 MIOA4817a	mutant (Daudi) beta2 - miCRoglobulin (ORF)	X07621	1
4731 FCR0951	PA28 gamma subunit (Psme3)	AB007139	1
4732 seob5147	SART-1	AB006198.1	1
4733 seob4020	strain ECOR 24 rriB operon, complete sequence	AF053967	1
4734 ncrb4439	SWAP-70 homolog	AF134894.1	1
4735 miob2897	T-cell antigen receptor alpha-chain (TCR-ATF2)	M77167.1	1
4736 SEOA3415a	T-cell nuclear receptor NOT (Nurr1)	AB019433.1	1

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4737 SEOB1513	T-cell receptor alpha chain-c6.1A fusion protein (c6.1A-TCRC) gene	S72931.1	1
4738 ncrb1186	T-cell receptor alpha delta locus	AF283991.1	1
4739 miob0986	T-cell receptor alpha delta locus from bases 1 to 250529 (section 1 of 5) of the Complete Nucleotide Sequence	AE000658.1	1
4740 ncr7066	TJ6 protein (RefSeq aa 8e-56)	NP_036595.1	1
4741 ncrb6261	180 kDa transmembrane PLA2 receptor	U17033.1	1
4742 SEOA1802a	adult T-cell leukemia derived factor	E01915	1
4743 FCR6228	BAG-family molecular chaperone regulator-3	AF095193	1
4744 MIOA2722a	BAG-family molecular chaperone regulator-5 (=AB020680 KIAA0873)	AF095195.2	1
4745 SEOA5743a	beta-defensin-1,2	U50931	1
4746 FCR4746	breast epithelial antigen BA46	U58516	1
4747 ncr8326	BTK-binding protein mRNA, complete cds	AF235049.1	1
4748 ncr3948	cellular repressor of E1A-stimulated genes (CREG)	NM_003851.1	1
4749 MIOA2395a	centromere autoantigen C (CENPC)	M95724	1
4750 ncr1590	colon cancer antigen NY-CO-45 mRNA, partial cds	AF039442.1	1
4751 ncr3141	DARC	X85785.1	1
4752 miob6870	defensin, alpha 3, neutrophil-specific (DEFA3) (=PRO2832)	NM_005217.1	1
4753 ncrb8817	heat shock 105kD (HSP105B)	NM_006644.1	1
4754 FCR3269	HEAT SHOCK COGNATE 71 KD PROTEIN	spP11142	1
4755 FCR4876	heat shock factor 2 (HSF2)	M65217	1
4756 SEOA6494a	heat shock protein (=AF085359.1 HSPC030)	AF170920	1
4757 hfc0923	heat shock protein (HSP21) mRNA, chloroplast gene encoding chloroplast protein, complete cds	U66300.1	1
4758 BFCW0024	Heat shock protein 70 testis variant (=M59829 MHC class III HSP70-HOM (HLA))	D85730	1
4759 seob7030	heat shock protein apg-2	AB023420.1	1
4760 SEOA4829a	heat shock protein hsp40 =U41290 DNAJ homolog (DNAJW) (ORF)	U40992	1
4761 SEOA8776	HEAT SHOCK PROTEIN, MITOCHONDRIAL 10 KDA D12(HSP10) (10 KDA CHAPERONIN) (CPN10)	spQ04984	1
4762 mioa0511m	heat shock protein= HSPA2= L26336= U10284	U56725	1
4763 hfc05023	hepatocellular carcinoma-associated antigen 56A (HCA56A)	AF262403.1	1
4764 seoa8052	hepatocellular carcinoma-associated antigen 64 (HCA64) mRNA, complete cds /cds=(79,666) /gb=AF257175 /gi=7739705 /ug=Hs.314977 /len=2125	Hs.314977	1
4765 miob1830	HSP105 alpha (=AF039695.1 antigen NY-CO-25)	AB003334.1	1
4766 ncrb6037	HSP27	AB020027.1	1
4767 FCR4897	mixed lineage kinase (MLK-3) (=U07747 sprk)	L32976	1
4768 FCR2952	MSJ-1	AB014888	1
4769 FCR0788	NA14 protein	Z96932	1
4770 mioa9735	novel T-cell activation protein	X94232.1	1
4771 BFC0042	p38gamma MAP Kinase (=Y10487 stress activated protein kinase-3)	U66243	1
4772 miob4058	platelet-endothelial tetraspan antigen 3	U14650.1	1
4773 hfc3587	PML-1	M79462.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 286 of 312**

4774 ncr9355	polymyositis/scleroderma autoantigen 1(75kD) (RefSeq aa 4e-86)	NP_005024.1	1
4775 fcrb1677	pre-B cell stimulating factor homologue (SDF1b)	L36033.1	1
4776 SEOB2950	PX19 protein	AF112203.1	1
4777 hfcr6932	renal cell carcinoma associated antigen G250	AJ010588.1	1
4778 hfcr0737	rheumatoid arthritis related antigen RA-A47	AB044781.1	1
4779 hfcr4170	stannin (=DKFZp761P2414)	AF070673.1	1
4780 ncr6648	Ste-20 related kinase (RefSeq aa 2e-41)	NP_037365.1	1
4781 fCR0832	Ste20-like kinase	X99325	1
4782 seob5508	stress 70 protein chaperone, microsome-associated, 60kD (STCH)	NM_006948.1	1
4783 ncr0864	stromal antigen 3 (STAG3)	NM_012447.1	1
4784 ncr6242	sulfotransferase 1C2 (SULT1C2) gene, complete cds	AF186263.1	1
4785 hfcr9347	TP53 target gene (TP53TG1)	NM_007233.1	1
4786 FCR2897	WP34 (phosphorylated lymphocyte differentiation and activation antigen) (=S67783)	X55188	1
4787 ncr2408	ATPase inhibitor precursor	NP_057395.1	1
4788 BFCS0390	BAI-associated protein 3 (=AB018277 hypothetical protein (KIAA0734))	AB017111	1
4789 ncrb5060	beta-site APP-cleaving enzyme (RefSeq aa 5e-88)	NP_036236.1	1
4790 fcrb1399	interferon induced transmembrane protein 3 (1-8U) (IFITM3)	NM_021034.1	1
4791 ncr9199	INTERFERON-INDUCED TRANSMEMBRANE PROTEIN 3 (INTERFERON-INDUCIBLE PROTEIN 1-8U)	spQ01628	1
4792 MIOA4674	MEMBRANE PROTEIN C21ORF4 17.9 KD	P56557	1
4793 seoa0495m	trans-Golgi p230	U41740	1
4794 seob6064	Adaptor protein containing pH domain, PTB domain and leucine zipper motif (APPL)	NM_012096.1	1
4795 hfcr1731	adaptor-related protein complex 1, gamma 2 subunit (G2AD)	NM_003917.1	1
4796 MIOA1701a	apoferritin H (=M11146)	X03488	1
4797 MIOA5059a	BIOTIN CARBOXYL CARRIER PROTEIN OF METHYLMALONYL-COA CARBOXYL-TRANSFERASE(TRANSCARBOXYLASE, 1.3S SUBUNIT)	P02904	1
4798 SEOA5778	cationic amino acid transporter-2A (ATRC2)	U76368	1
4799 ncr1007	coatomer protein complex, subunit beta (COPB) (=DKFZp761K102)	NM_016451.1	1
4800 hfcr6394	coatomer protein complex, subunit epsilon (COPE)	NM_007263.1	1
4801 ncrb6557	coatomer protein complex, subunit gamma 2 (RefSeq aa 2e-67)	NP_036265.1	1
4802 seob5491	constitutively expressed serum amyloid A protein (SAA4) gene	L05920.1	1
4803 fcrb1019	COPZ2 for nonclathrin coat protein zeta-COP (LOC51226)	NM_016429.1	1
4804 ncr9123	corin (RefSeq aa 7e-45)	NP_006578.1	1
4805 seob8104	DUTT1 (chromosome 3)	Z95705.1	1
4806 MIOA3084a	EGF repeat transmembrane protein	U57368	1
4807 hfcr5959	ENIGMA protein	AF265209.1	1
4808 SEOA9828	epithelial membrane protein 2 (EMP2)	NM_001424.1	1
4809 FCR0108	erythrocyte adducin alpha subunit	X58141	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 287 of 312**

4810 hfc9371	ferroportin 1; iron regulated gene 1 (FPN1)(= SLC11A3)	NM_014585.1	1
4811 ncrb6320	golgi membrane protein GP73(LOC51280)	NM_016548.1	1
4812 ncr5767	Golgi membrane protein type II (RefSeq aa 4e-35)	NP_055313.1	1
4813 fcrb0097	Ke4 gene, mouse, human homolog of (D6S2244E), = D82060 membrane protein with histidine rich charge clusters (ORF)	NM_006979.1	1
4814 hfc92693	LIM domain kinase 2 (LIMK2)	NM_005569.2	1
4815 fcrb1815	lysosomal apyrase-like 1 (LYSAL1)	XM_040572.1	1
4816 hfc9814	membrane interacting protein of RGS16 (MIR16)	NM_016641.1	1
4817 MIOA6999a	membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) (MME) =J03779 =lymphoblastic leukemia antigen (CALLA)	NM_000902.1	1
4818 miob3942	mouse SKD1 homolog (SKD1)	NM_004869.1	1
4819 hfc9241	multispanning nuclear envelope membrane protein nurim (NRM29)	AF143676.1	1
4820 fcrb2569	myoglobin (MB), mRNA	NM_005368.1	1
4821 fcrb2200	myo-inositol monophosphatase A3 (IMPA3)	AY032885.1	1
4822 SEOA9086	N-ethylmaleimide-sensitive factor (NSF)	AF135168.1	1
4823 MIOA8396	neuronal membrane glycoprotein M6b	U45955	1
4824 seob8078	PEX13	AB022192.1	1
4825 ncrb8821	phosphate carrier precursor isoform 1a;phosphate carrier, mitochondrial precursor (RefSeq aa 3e-36)	NP_005879.1	1
4826 MIOA8946	placental protein 17b1 (PP17)(=cargo selection protein (mannose 6 phosphate receptor binding protein) (TIP47)	AF055574.1	1
4827 seoa4934a	progesterone induced protein (DD5), mRNA /cds=(33,8432) /gb=Nm_015902 /gi=15147336 /ug=Hs.278428 /len=8838	Hs.278428	1
4828 seob6576	putative membrane protein, complete cds	AB020980.1	1
4829 ncr3464	putative heme-binding protein (SOUL)	NM_014320.1	1
4830 hfc6677	putative integral membrane transporter (LC27)	NM_018407.1	1
4831 fCR0983	putative transmembrane receptor (frizzled 4)	U43317	1
4832 hfc7393	secretory granule neuroendocrine protein 1 (7B2 protein) (SGNE1)	NM_003020.1	1
4833 MIOA1953a	seven transmembrane segment receptor	M99293	1
4834 fcrb1503	supervillin (SVIL)	XM_030476.2	1
4835 ncr8118	tetraspan 3; Tspan-3 (RefSeq aa 8e-51)	NP_005715.1	1
4836 miob4475	tetraspan NET-1	AF065388.1	1
4837 hfc1163	tetraspan NET-6 protein(NET-6), mRNA	NM_014399.1	1
4838 seob7047	tetraspanin TM4-D	AF133426.1	1
4839 fcrb0193	translocase of inner mitochondrial membrane 10 (yeast) homolog (TIMM10)	NM_012456.1	1
4840 fcrb2059	translocase of inner mitochondrial membrane 8 (yeast) homolog B (TIMM8B)	XM_041384.1	1
4841 SEOA9931	transmembrane 4 superfamily protein (SAS) (ORF)	U01160	1
4842 SEOB2039	transmembrane 7 superfamily member 1 (upregulated in kidney) (TM7SF1)	gi4507544	1
4843 ncr2182	transmembrane GTPase	U95822.1	1

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4844 mioa7654a	transmembrane protein 4 (TMEM4), mRNA /cds=(144,692) /gb=NM_014255 /gi=7657175 /ug=Hs.8752 /len=814	Hs.8752	1
4845 FCR7114	transmembrane protein CD99 type II	U82164	1
4846 SEOA3949a	transmembrane protein with EGF-like and two follistatin-like domains 1 (TMEFF1)	U19878	1
4847 ncr1567	transmembrane proteolipid (HSPC224)	NM_016951.2	1
4848 mioa7738a	transmembrane trafficking protein (TMP21), mRNA /cds=(11,670) /gb=NM_006827 /gi=5803200 /ug=Hs.74137 /len=1302	Hs.74137	1
4849 hfcr7095	VAMP (vesicle-associated membrane protein)-associated protein B and C (VAPB)	NM_004738.1	1
4850 hfcr7402	mutL (E. coli) homolog 3 (MLH3)	NM_014381.1	1
4851 FCR5081	mutY homolog (hMYH)	U63329	1
4852 ncr3164	alanyl-tRNA synthetase (AARS)	NM_001605.1	1
4853 hfcr8478	damage-specific DNA binding protein 2 (48kD) (DDB2)	NM_000107.1	1
4854 SEOA0737n	DNA recombination and repair protein (MRE11B)	AF022778	1
4855 SEOA6203a	DNA repair protein XRCC4	U40622	1
4856 ncrb8248	DNA topoisomerase gene type I, exon 8	M60694.1	1
4857 FCR5288	DNA topoisomerase II binding protein	AB019397	1
4858 BFCN0116	excision repair gene ERCC-1	X07415	1
4859 hfcr3674	Helicase (KIAA0054)	NM_014877.1	1
4860 SEOA0931	HHR23A protein	D21235	1
4861 ncr6459	KIAA0054 gene product; Helicase (RefSeq aa 1e-50)	NP_055692.1	1
4862 hfcr3374	nucleolar RNA-helicase (noH61 gene)	AJ131712.1	1
4863 ncr4296	putative RNA helicase, 3' end	AJ223948.1	1
4864 ncr1811	RAD50 (S. cerevisiae) homolog (RefSeq aa 2e-36)	NP_005723.1	1
4865 MIOB2569	RAD50-2 protein (RAD50)	AF057299.1	1
4866 MIOA2851a	Rad51-interacting protein (60% aa)	AF006259	1
4867 hfcr9290	RAD9 (S. pombe)(RAD9)(=cell cycle checkpoint control protein)	NM_004584.1	1
4868 hfcr6783	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3 (SMARCD3)	NM_003078.1	1
4869 hfcr6663	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 (SMARCE1) (=BAF57)	NM_003079.1	1
4870 SEOA6734	T-COMPLEX PROTEIN 1, EPSILON SUBUNIT (TCP-1-EPSILON) (CCT-EPSILON) (KIAA0098)	spP48643	1
4871 MIOA3160a	T-COMPLEX PROTEIN 1, THETA SUBUNIT (TCP-1-THETA) (CCT-THETA) (KIAA0002)	spP50990	1
4872 ncrb6282	transketolase-like 1 (TKTL1)	NM_012253.1	1
4873 ncrb7675	xeroderma pigmentosum complementation group A (XPA)	NM_000380.1	1
4874 miob3249	adenylate kinase 2 (AK2),transcript variant AK2A, nuclear gene encoding mitochondrial protein, mRNA	NM_001625.1	1
4875 fCR0657	carbonic anhydrase III	M29452	1
4876 hfcr1900	carbonic anhydrase XII (CA12)	NM_001218.1	1
4877 MIOA5355a	ceruloplasmin, exon 10 (ORF)	D45037	1
4878 MIOA2224a	coagulation factor VIII	AF062515	1
4879 SEOB1787	complement C1q A chain precursor	AF135157.1	1

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4880 nrc0644	complement component 2 (RefSeq aa 7e-80)	NP_000054.1	1
4881 ncrb5699	complement component 3 precursor (RefSeq aa 9e-33)	NP_000055.1	1
4882 ncr1299	complement component 3a receptor 1 (RefSeq aa 2e-56)	NP_004045.1	1
4883 MIOA2185a	complement decay-accelerating factor (DAF) (=M31516)	M15799	1
4884 hfc9678	cytochrome P450 21-hydroxylase (CYP21) gene, partial cds; TNX pseudogene ,complete sequence; and RP2 pseudogene, partial sequence (=XA (XA) gene )(= 21-hydroxylase (P-450(C21)) B gene)	AF077974.1	1
4885 FCR2750	cytochrome P450 3A9	U46118	1
4886 ncr9572	cytochrome P450 monooxygenase (LOC57404)	NM_020674.1	1
4887 ncrb5514	cytochrome P450, subfamily IVA, polypeptide 11; CYP4A11 (RefSeq aa 3e-48)	NP_000769.1	1
4888 ncr4552	epoxide hydrolase 2, cytoplasmic (EPHX2)	NM_001979.1	1
4889 mioa7639a	glutathione S-transferase A4 (GSTA4)	NM_001512.1	1
4890 ncrb4976	glutathione S-transferase theta 2 (GSTT2) (GSTT1) genes	AF240786.1	1
4891 miob6113	glutathione S-transferase= (MICROSOMAL GST-1)=P10620	J03746.1	1
4892 FCR7019	glutathione synthetase	U34683	1
4893 FCR7415	glutathione transferase M2 (GSTM2)	M63509	1
4894 SOA0065	gpx1 glutathione peroxidase (=Y00433)	X13709	1
4895 FCR0633	iron-responsive element-binding protein/iron regulatory protein 1 (IRE-BP1/IRP1)	M58510	1
4896 FCR3878	lactoferrin BTLF3	L24753	1
4897 MIOA8851	light chain of factor I	CAA68418.1	1
4898 ncrb8475	metallothionein 2A; MT-II (RefSeq aa 8e-30)	NP_005944.1	1
4899 miob0795	MHC class II DR subtype Dw12	M16086.1	1
4900 SEOB1399	MHC class II HLA-DR7-associated glycoprotein beta-chain	M16941.1	1
4901 SEOA3472a	MHC class II HLA-DR-beta-1 (HLA-DRB1)	M33600	1
4902 miob5938	MHC HLA-Dw12 DQ-beta chain	M57650.1	1
4903 fcrb0607	MHC leukocyte antigen (HLA-A) gene, HLA-A*2402 allele	L47206.1	1
4904 FCR7146	MTA1 like1	AB016591.1	1
4905 MIOA4704	MTG8-like protein(MTGR1) gene	AF076461.1	1
4906 hfc2599	MTH1b (p22), MTH1c (p21), MTH1d (p18)	AB025239.1	1
4907 fcrb0354	pentaxin-related gene rapidly induced by IL-1 beta (PTX3)	NM_002852.1	1
4908 nrc2839	peroxiredoxin 3; thioredoxin-dependent peroxide reductase precursor (RefSeq aa 1e-92)	NP_006784.1	1
4909 nrc3228	PHEX gene	Y10196.1	1
4910 miob5810	prothrombin (F2) gene (Alu and KpnI repeats)	M17262.1	1
4911 nrc0907	small inducible cytokine subfamily A(Cys-Cys), member 8 (monocyte chemotactic protein 2)(RefSeq aa 3e-59)	NP_005614.1	1
4912 nrc6232	small inducible cytokine subfamily B (Cys-X-Cys), member 14 (BRAK) (SCYB14)	NM_004887.1	1
4913 MIOA0072a	Sop2p-like protein	Y08999	1
4914 FCR3580	Su (P) (=Z70310 C.elegans glutathione S-transferase)	AJ011320	1

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4915 fcrb1856	superoxide dismutase 1 soluble (amyotrophic lateral sclerosis 1 (adult))(SOD1)	XM_047885.1	1
4916 hfcr9743	superoxide dismutase 3, extracellular (SOD3)	NM_003102.1	1
4917 ncr9165	superoxide dismutase Mn (EC 1.15.1.1+D3527)	Y00472.1	1
4918 FCR2075	thiol-specific antioxidant	X82321	1
4919 ncr6012	thioredoxin reductase 1 (TXNRD1)	NM_003330.1	1
4920 seoa0981m	Chediak-Higashi syndrome 1 (CHS1)	NM_000081.1	1
4921 MIOA6597a	Ankhzn mRNA,	AB011370	1
4922 ncrb4490	arfaptin 1 (HSU52521)	NM_014447.1	1
4923 MIOA4771	intersectin short form	AF064243	1
4924 ncr4984	alpha endosulfine	AF157509.1	1
4925 SEOA8521	caveolin 2 (CAV2)	NM_001233.1	1
4926 hfcr7893	caveolin 3 (CAV3)	NM_001234.2	1
4927 miob3938	caveolin-1/-2 locus, Contig1, D7S522, genes CAV2 CAV1	AJ133269.1	1
4928 FCR6969	clathrin assembly protein 50 (AP50) (=D63475 hypothetical protein (KIAA01))	U36188	1
4929 SEOA4886a	clathrin coat assembly protein	E13406	1
4930 hfcr3615	clathrin, light polypeptide (Lcb) (CLTB)	NM_001834.1	1
4931 hfcr1633	clathrin-associated protein	X97074.1	1
4932 hfcr7649	Hermansky-Pudlak syndrome (HPS)	NM_000195.1	1
4933 MIOA3939a	kanadaplin	AF035526	1
4934 fcrb0099	myoM [Dictyostelium discoideum](38%ORF)	AB017910	1
4935 ncr8363	partial SNAP-23 gene for synaptosome associated protein-23, exons 6-8	AJ278974.1	1
4936 SEOA3357a	Rab7 protein	X89650	1
4937 FCR1829	SKD1 homologue	AF038960	1
4938 FCR4106	SMCY (H-Y)	U52191	1
4939 fcrb1556	sympleskin; Huntingtin interacting protein I (SPK)	XM_017129.2	1
4940 MIOA9136	synaptosome associated protein 23 kD isoform A	AJ011915.1	1
4941 mioa0480m	vesicle trafficking protein (SEC22C) (ORF)	AF039568	1
4942 hfcr1371	VPS28 protein (LOC51160)(ORF)	NM_016208.1	1
4943 ncr9429	zinc/ iron regulated transporter-like (ZIRTL) (=putative metal transporter (IRT1 homologue))	NM_014437.1	1
4944 fcrb1684	synaptosomal-associated protein 25kD (SNAP25)	XM_056115.1	1
4945 hfcr4451	4F2 heavy chain	AB018010.1	1
4946 SEOA9100	88-kDa Golgi protein (GM88)	AF204231.1	1
4947 miob3757	CG12935 gene product	AAF58754.1	1
4948 ncr0509	CG13865 gene product [Drosophila melanogaster]	AE003066	1
4949 SEOB1219	CG13919 gene product	AE003472	1
4950 ncr9652	CG14037 gene product	AAF52201.1	1
4951 ncr5810	CG14903 gene product	AAF55335.1	1
4952 ncr0518	CG17593 gene product [Drosophila melanogaster]	AE003579	1
4953 miob3721	CG2839 gene product	AAF51469.1	1
4954 SEOB3468	CG3358 gene product	AAF57413.1	1
4955 MIOA9099	CG3918 gene product [Drosophila melanogaster](56%ORF)	AAF46166.1	1
4956 ncr7619	CG6949 gene product	AE003739	1
4957 fcrb0044	CG8605 gene product [Drosophila melanogaster]	AE003559	1
4958 miob3690	CG9469 gene product	AAF57414.1	1
4959 MIOA0528	CGI-03 protein (=AF106798 fas-associated factor 1 (FAF1))	AF132938.1	1



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4960 ncr2381	CGI-06 protein (LOC51604),	NM_015937.1	1
4961 ncr2848	CGI-10 protein (LOC51004),	NM_015940.1	1
4962 ncrb3241	CGI-12 protein (RefSeq aa 1e-68)	NP_057026.1	1
4963 ncrb8649	CGI-125 protein (RefSeq aa 1e-30)	NP_057144.1	1
4964 SEOA4524	CGI-128 protein (ORF)	AF151886	1
4965 ncrb3352	CGI-145 protein (RefSeq aa 2e-48)	NP_057159.1	1
4966 SeA0222	CGI-17 protein	AF132951.1	1
4967 hfcr6971	CGI-18 protein (LOC51008)	NM_015947.1	1
4968 seob5764	CGI-26 protein (LOC51071)	NM_015954.1	1
4969 SEOA0577	CGI-27 protein	AF132961.1	1
4970 ncrb6087	CGI-35 protein (LOC51077)	NM_015962.1	1
4971 seob6703	CGI-47 protein (LOC51095)(ORF)	NM_016000.1	1
4972 hfcr2708	CGI-48 protein (LOC51096)	NM_016001.1	1
4973 SEOA7583a	CGI-54 protein (60% aa)	AF151812	1
4974 ncrc3076	CGI-79 protein (RefSeq aa 2e-76)	NP_057108.1	1
4975 MIOA0936	CGI-80 protein	AF151838.1	1
4976 ncr8910	CGI-85 protein (LOC51111)	NM_016028.1	1
4977 hfcr9410	CGI-87 protein (LOC51112)	NM_016030.1	1
4978 seob4223	cytoplasmic dynein intermediate chain 2C mRNA Length = 2460	U39046.1	1
4979 fcrb2453	cytoskeleton-associated protein 4 (CKAP4), mRNA	XM_006940.4	1
4980 miob3668	diaphanous 1 (HDIA1)	AF051782.1	1
4981 hfcr6937	dynactin light chain (DCTN-22)	NM_007234.1	1
4982 miob3257	dynactin p62 subunit(LOC51164)(= putative tumor suppressor)	NM_016221.1	1
4983 ncr0335	dynein light chain-A (LOC51143)(ORF)	NM_016141.1	1
4984 SEOA1232A	dynein light intermediate chain 2 (LIC2)	AF035812	1
4985 ncr9803	dynein, cytoplasmic, intermediate polypeptide 1 (RefSeq aa 3e-57)	NP_004402.1	1
4986 fcrb2401	dynein, cytoplasmic, light intermediate polypeptide 2, clone IMAGE:4294925, mRNA	BC010928.1	1
4987 hfcr1140	flightless I (Drosophila) homolog (FLII), mRNA	NM_002018.1	1
4988 fcrb1855	gamma-tubulin complex protein 2 (GCP2)	XM_057524.1	1
4989 miob2466	golgi SNAP receptor complex member 1 (GOSR1)	NM_004871.1	1
4990 ncr3965	golgi SNAP receptor complex member 2 (GOSR2)	NM_004287.1	1
4991 ncrc3073	Golgi transport complex protein (90 kDa) (GTC90)	NM_006348.1	1
4992 hfcr7855	golgin-67 (GOLGA5) D1886	AF164622.1	1
4993 SEOA8997	kinectin 1 (156 kDa Protein) (=CG1)	CAA80271.1	1
4994 ncr7801	kinesin heavy chain member 2 (KIF2)	NM_004520.1	1
4995 miob0589	kinesin-like protein GAKIN	AF279865.1	1
4996 FCR4306	kinesin-like spindle protein HKSP (=X85137)	U37426	1
4997 ncrc6552	kinesin-related protein, partial cds	D14678.1	1
4998 MIOA0959	MAP1B protein	AF115776.1	1
4999 ncrb2266	microtubule-associated proteins 1A/1B light chain 3	AF303888.1	1
5000 hfcr6366	novel centrosomal protein RanBPM (RANBPM)	NM_005493.1	1
5001 FCR2182	spindle pole body protein spc97 homologue GCP2	AF042379	1
5002 SEOA0526	Sprague-Dawley acidic calponin	U06755	1
5003 miob6988	TACC2 protein (TACC2) (=AF176646.1 anti zuai-1)	AF095791.1	1
5004 ncrc3276	CG2974 gene product (aa 2e-41,52%)	AAF46554.1	1
5005 ncrc4473	CG6353 gene product (aa 3e-20,68%)	AAF55906.1	1
5006 ncrc2377	CG8198 gene product	AAF48498.1	1
5007 fcrb2338	CGI-01 protein (CGI-01), mRNA	NM_015935.2	1

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5008 ncr5768	CGI-11 protein (RefSeq aa 2e-35)	NP_057025.1	1
5009 fcrb1890	CGI-144 protein	AF151902.1	1
5010 ncr4903	CGI-55 protein	AF151813.1	1
5011 SEOA8520	dJ797M17.1 (Dermatopontin)	CAB46693.1	1
5012 ncr2258	adlican	AF245505.1	1
5013 ncr5484	chondrocyte expressed protein 68 kDa (CEP-68 gene)(= ASPIC(acidic secreted protein in cartilage))	AJ279016.1	1
5014 ncr1476	chondroitin 4-O-sulfotransferase 2	AF239822	1
5015 ncr0385	chondroitin 6-sulfotransferase	AB017915	1
5016 hfcr9935	collagen type III N-endopeptidase (PCOLN3), (=metallopeptidase PRSM1 ) (=KIAA0047 gene,)	NM_002768.1	1
5017 hfcr0832	collagen type VI alpha 2 (COL6A2)	M81836.1	1
5018 ncrb2804	collagenous repeat-containing sequence of 26kDa protein	AAG33704.1	1
5019 ncr7227	dentin matrix acidic	NM_004407.1	1
5020 ncr6773	dystroglycan 1	NM_004393.1	1
5021 MIOA5409a	EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1) =U03877= extracellular protein(S1-5)	NM_004105.1	1
5022 hfcr3539	elastin gene, partial cds and partial 3'UTR	U77846.1	1
5023 BFCW0023	EPSILON-COAT PROTEIN (EPSILON-COP; LDLF) (low match)	spAC005197	1
5024 FCR0511	extracellular protein (S1-5)	U03877	1
5025 hfcr1915	fibrillarin (FBL)	NM_001436.1	1
5026 fcrb2060	fibulin 1 (FBLN1)	XM_047231.1	1
5027 hfcr1667	fibulin 2 (FBLN2)	NM_001998.1	1
5028 FCR6221	fibulin-4	AJ132819	1
5029 hfcr5864	germ line gene homologous to bladder carcinoma oncogene T24 (Gene code c-Ha-ras-1)with four exons	V00574.1	1
5030 FCR5812	glypican-5 (GPC5) (=AF001462)	U66033	1
5031 fcrb1876	glypican-6 (GPC6)	AF105267.1	1
5032 MIOA2858a	Hakata antigen	D88587	1
5033 FCR6854	heparan-sulfate 6-sulfotransferase	AB006179	1
5034 MIOA6697a	hepatic leukemia factor (HLF)	M95585	1
5035 hfcr3616	interphotoreceptor matrix proteoglycan 200 (SPACRCAN)(ORF)	NM_016247.1	1
5036 SEOB0242	lamin-like protein (low match)	M24732	1
5037 hfcr1762	linker for activation of T cells (LAT)	AF036906.1	1
5038 seob4216	LST1 mRNA, cLST1/E splice variant, complete cds	AF000426.1	1
5039 ncr9060	matrilin 4 (RefSeq aa 5e-44)	NP_003824.1	1
5040 FCR1464	miCRofibril-associated glycoprotein 4 (MFAP4)	L38486	1
5041 MIOB1506	miCRofibril-associated glycoprotein-2 MAGP-2	U37283.1	1
5042 hfcr8814	microfibrillar-associated protein 2 (MFAP2)	NM_002403.1	1
5043 FCR0056n	mucin MUC1 (=M61170)	X69118	1
5044 FCR1783	nidogen (=M27445;M30269) (low match)	X84837	1
5045 fcr0125	period (per) region proteoglycan gene	M13655	1
5046 ncrb3928	PG-M core protein	D45889.1	1
5047 SOA0031	phosphatidylinositol glycan, class H (PIGH)	L19783	1
5048 fcrb2637	phosphatidylinositol glycan, class K (PIGK)(= AF022913.1 GPI transamidase) (=Y07596.1 GPI8 protein )	XM_039644.2	1
5049 miob4595	pRGR1	AF041429.1	1
5050 ncrb1511	psihHbC pseudogene for hair keratin	Y19215.1	1

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5051 miob6103	sarcolemmal associated protein (SLAP1) mRNA, complete cds	U21155.1	1
5052 ncr2928	sarcolipin (SLN)	NM_003063.1	1
5053 FCR7548	sarcosin	AF056929	1
5054 ncr2391	sarcospan (Kras)	NM_005086.2	1
5055 ncrb2422	sarcospan (Sspn), mRNA	NM_010656.1	1
5056 ncrb4485	serglycin gene	M90058.1	1
5057 hfcr3859	SHORT-CHAIN COLLAGEN C4	P18503	1
5058 hfcr6406	tenascin XA (TNXA)	NM_007116.1	1
5059 ncrb2155	Z-crystallin/quinone reductase (CRYZ) gene sequence	L31526.1	1
5060 ncrb4763	Hem-2	X80029.1	1
5061 ncr2999	LAZ3/BCL6 gene	Z79581.1	1
5062 MIOA4277	MLL (MLL) gene, exons 1-3, similar to MARINER TRANSPOSASE	AF036405	1
5063 FCR6531	22kDa smooth muscle protein (SM22)	M95787	1
5064 hfcr4068	actin binding protein (Schizosaccharomyces pombe sop2- like) (SOP2L)	NM_006409.1	1
5065 hfcr3902	actin related protein 2/3 complex, subunit 1B (41 kD) (ARPC1B), mRNA	NM_005720.1	1
5066 ncr5242	actin-binding protein 22 kDa (SM22) gene	AF013711.1	1
5067 ncr4696	actin-binding protein homolog ABP-278	AF043045.1	1
5068 MIOA8531	actinin-associated LIM protein	AF039018	1
5069 MIOA5404a	actin-like 6 (ACTL6)=AF041474 =BAF53a (BAF53a)(ORF)	NM_004301.1	1
5070 hfcr5970	ACTN2 gene for alpha-Actinin 2, exon 21	AJ249776.1	1
5071 seob7900	A-kinase anchoring protein 220 (=AB014529 KIAA0629)	AF176555.1	1
5072 FCR2972	alpha 1-syntrophin (SNT A1)	U40571	1
5073 FCR4357	alpha II spectrin (=J05243;X86901)	U83867	1
5074 FCR4754	alpha-adducin	L29294	1
5075 hfcr1379	alpha-tropomyosin	AJ001055.1	1
5076 seob6217	alpha-tubulin	K00557.1	1
5077 BFCW0200	ankyrin 1 (ANK1) (=M28880)	AF005213	1
5078 FCR2209	ankyrin alt. variant 2.2 (53%,aa)	X16609	1
5079 FCR4743	ankyrin binding glycoprotein-1 related mRNA sequence	L11002	1
5080 miob7030	ankyrin-repeat containing protein (Krit1) gene	U90269.1	1
5081 ncr4486	A-raf-1 oncogene	X04790.1	1
5082 hfcr5237	archvillin (SVIL)	AF109135.1	1
5083 FCR2587	beta tubulin (clone nuk_278)	X79535	1
5084 MIOA1948a	beta-filamin	AF042166	1
5085 seob5640	beta-tubulin	AF141349.1	1
5086 seoa7955	capping protein alpha mRNA, partial cds /cds=UNKNOWN /gb=U03851 /gi=433307 /ug=Hs.75546 /len=2287	Hs.75546	1
5087 FCR2585	capping protein beta-subunit isoform 1	U10406	1
5088 fcrb1101	CDC42-binding protein kinase beta (DMPK-like) (CDC42BPB) mRNA	NM_006035.1	1
5089 FCR3664	cofilin, non-muscle type (=U21909)	X95404	1
5090 ncr7207	cytohesin 1, isoform 2 (RefSeq aa 3e-30)	NP_059430.1	1
5091 hfcr4278	cytokeratin 8	U76549.1	1

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5092 FCR1111	desmosome associated protein pinin	U77716	1
5093 fCR0958	destrin-2 (=actin depolymerizing factor)	U72518	1
5094 seob7941	drebrin E	D17530.1	1
5095 FCR3299	dynammin	L07807	1
5096 FCR7518	dystrobrevin B DTN-B1	Y15722	1
5097 hfcr4011	GLUT1 C-terminal binding protein (GLUT1CBP)	NM_005716.1	1
5098 SEOA6620a	hCRNN4	AB030656.1	1
5099 ncr3649	kelch (Drosophila)-like 3(=kelch-like protein KLHL3b )(= KLHL3c )(= KLHL3a)(= KIAA1129 protein,)	NM_017415.1	1
5100 MIOB2163	keratin type II (58 kD)	M21389.1	1
5101 FCR4057	NuMA protein (=Z11584;Z14229;Z14227)	Z11583	1
5102 seoa8101	partial TTN gene for titin	AJ277892.2	1
5103 hfcr6691	phosvitin/casein kinase type II beta subunit (EC 2.7.1.37)	X16937.1	1
5104 miob0974	regulatory factor X-associated ankyrin-containing protein (RFXANK)	NM_003721.1	1
5105 mioa7812a	scinderin (SCIN), mRNA /cds=(276,1682) /gb=Nm_033128 /gi=14916472 /ug=Hs.210473 /len=2571	Hs.210473	1
5106 hfcr3436	singed (Drosophila)-like(sea urchin fascin homolog like) (SNL)	NM_003088.1	1
5107 hfcr9054	skeletal muscle alpha-actin gene (ACTA1)	AF182035.1	1
5108 ncrb6644	skeletal muscle HSB84A051 STRATAGENE cDNA library, cat. #936215. cDNA clone 84A05	Z28721.1	1
5109 fCR0373	skeletal muscle selenoprotein W (SeIW)	U25264	1
5110 FCR4784	smoothelin	AC005005	1
5111 ncr0836	spectrin, alpha,non-erythrocytic 1 (alpha-fodrin) (SPTAN1)(= alpha II spectrin)	NM_003127.1	1
5112 hfcr3527	spectrin, beta, non-erythrocytic 1 (SPTBN1)(ORF) = M96803.1	NM_003128.1	1
5113 ncr5668	stretch regulated skeletal	CAC03620.1	1
5114 ncr6399	striated muscle contraction regulatory protein (Id2B)	M96843.1	1
5115 ncrb2687	TANKYRASE (RefSeq aa 9e-90)	NP_003738.1	1
5116 FCR5483	telethonin	AJ000491	1
5117 SEOA9499	testican-1	AF231124	1
5118 SEOA0990n	TRICHOHYALIN	spP37709	1
5119 fcrb1539	tubulin alpha 6 (TUBA6)	XM_028724.2	1
5120 fcrb1618	tubulin, alpha, ubiquitous (K-ALPHA-1)	NM_006082.1	1
5121 hfcr3913	tubulin, beta, 2 (TUBB2) (ORF)	NM_006088.1	1
5122 hfcr4114	tubulin, beta, 4 (TUBB4)	NM_006086.1	1
5123 fcrb1183	tubulin-specific chaperone d (TBCD)= AJ006417 beta- tubulin cofactor D	NM_005993.2	1
5124 FCR0903	uroporphyrinogen decarboxylase (UROD)	AF047383	1
5125 hfcr6970	vasodilator-stimulated phosphoprotein (VASP)	NM_003370.1	1
5126 hfcr9862	zyxin (ZYG) (=ESP-2 )	NM_003461.1	1
5127 ncr5929	actin binding protein; macrophin(microfilament and actin filament cross-linker protein)(RefSeq aa 1e-40)	NP_036222.1	1
5128 fcrb1600	alpha actinin 4 (Actn4)	NM_021895.1	1
5129 seob6525	alpha tropomyosin (tpma)	AF180892.1	1
5130 fcrb2745	aortic-type smooth muscle alpha-actin (SM-alpha-A) gene, exon 9	M33216.1	1

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5131 FCR5930	fast skeletal troponin C	X07898	1
5132 FCR1562	myosin alkali light chain (ventricular)	M24122	1
5133 FCR2498	myosin binding protein H	L05606	1
5134 ncr6212	myosin IC (MYO1C)	NM_004998.1	1
5135 fcrb1834	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle (MYL6)	XM_049089.1	1
5136 ncr1912	myosin, light polypeptide kinase (RefSeq aa 2e-76)	NP_005956.1	1
5137 FCR1337	myosin-IXb	U42391	1
5138 ncr0808	myotubular myopathy 1(MTM1)	NM_000252.1	1
5139 FCR2218	regulatory myosin light chain (MYL5)	L03785	1
5140 FCR2935	slow skeletal muscle troponin T (clone H22h)	M19309	1
5141 FCR3155	slow-twitch skeletal troponin I (TNN1)	J04760	1
5142 SEOA1099	SMAP-5 smooth muscle cell associated protein	AB014733	1
5143 ncr9779	SMC-like protein	AJ005015.1	1
5144 hfcr8575	smooth muscle myosin light chain kinase	M76233.1	1
5145 seob5431	troponin I, skeletal, fast 2 (Tnni2), mRNA	NM_009405.1	1
5146 ncr0265	adapt78 protein gene= U85266	U53821.1	1
5147 miob3048	colon cancer-associated protein Mic1	NM_013326.1	1
5148 miob4322	CRIB-containing BORG2 protein (BORG2)	AF164118.1	1
5149 miob0785	laforin (EPM2A)	AF084535.2	1
5150 miob0628	neurologin 3	AF217413.1	1
5151 hfcr9296	peroxisomal membrane protein 20	AF124993.1	1
5152 miob4307	peroxisomal membrane protein 3 (35kD, Zellweger syndrome) (PXMP3)	NM_000318.1	1
5153 ncrb8539	peroxisomal targeting signal 1 (SKL type) receptor	Z48054.1	1
5154 ncr5287	peroxisome assembly factor-2 (PEX6) gene	AF108098.1	1
5155 HFCR3224	phosphatidylinositol glycan, class C (PIGC)	gi4505794	1
5156 SEOA4177a	PIG-A protein	D11466	1
5157 hfcr3649	tight junction protein 1 (zona occludens 1) (TJP1)	NM_003257.1	1
5158 miob1139	tight junction protein ZO-2 (TJP2)	AF177533.1	1
5159 hfcr9400	78 kDa gastrin-binding protein	U04627.1	1
5160 SEOB3384	AP-3 complex sigma3A subunit	U91932.1	1
5161 hfcr6634	ARE1-like protein	AJ006026.1	1
5162 mioa9189	ASIALOGLYCOPROTEIN RECEPTOR 2 (HEPATIC LECTIN 2) (MHL-2) (ASGP-R) (ASGPR)(52%ORF)	P24721	1
5163 miob1441	ESR (EST84588 Colon adenocarcinoma IV cDNA 5')	AA372592.1	1
5164 FCR1308N	neuropilin-2 (a5)	AF022861	1
5165 MIOA2424a	son of sevenless 1	Z11574	1
5166 ncr6925	toll-like receptor3 (RefSeq aa 3e-41)	NP_003256.1	1
5167 MIOA6252a	trg (=AB028981 KIAA1058)	X68101	1
5168 ncrb0811	UCC1 protein (UCC1 gene)	AJ250475.2	1
5169 SEOB1721	5-HT4 receptor gene	AJ243213.1	1
5170 FCR6396	alpha 7 neuronal nicotinic receptor	AF029838	1
5171 FCR5779	alpha-CP1 (=X78137 hnRNP-E1)	U24223	1
5172 SEOB1383	alpha-globin transcription factor CP2	M84810.1	1
5173 SEOB2090	autocrine motility factor receptor (AMFR)	NM_001144.1	1
5174 SEOA0085	beta-hydroxysteroid dehydrogenase 11 (HSD11)	M76661	1
5175 seob3886	bradykinin receptor B2 (BDKRB2)	NM_000623.1	1
5176 ncr1876	breast cancer nuclear receptor-binding auxiliary protein (BRX)	AF126008.1	1
5177 hfcr4457	calcitonin receptor-like receptor activity modifying protein 2 (RAMP2)	NM_005854.1	1

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5178 MIOA8987	CD163 antigen (CD163) (=M130 antigen (cytosolic variant 2)	NM_004244.1	1
5179 MIOA3842	CD33 differentiation antigen (CD33)	M23197	1
5180 FCR5681	CD34	M81104	1
5181 BFCW0008	CD39L2 (CD39L2)	AF039916	1
5182 SOA0606	CD3G antigen, gamma polypeptide (TIT3 complex) (CD3G)	X04145	1
5183 SEOA0534	CD58	Y14785	1
5184 mioa7829a	CDA11 protein (CDA11), mRNA /cds=(25,918) /gb=NM_032026 /gi=14042942 /ug=Hs.11810 /len=1039	Hs.11810	1
5185 ncr8290	CHRM3 gene for muscarinic acetylcholine receptor m3	AB041395.1	1
5186 hfcr4497	class I cytokine receptor (zcytor5)	AF178684.1	1
5187 SEOB0038	colony stimulating factor 1 receptor (CSF1R) gene, exon 5	M33210.1	1
5188 ncr1150	CSF-1 receptor (FMS) gene (=KIAA0194)	U63963.1	1
5189 ncr0954	CSF2RA=GM-CSF receptor alpha subunit	S48475.1	1
5190 SEOB0119	endothelial protein C receptor	AB026584.2	1
5191 ncr3520	endothelin receptor type A (EDNRA)	NM_001957.1	1
5192 ncr6776	endothelin receptor type B-like protein	U87460.1	1
5193 MIOA2718a	epidermal growth factor repeat containing protein (=AL117610)	AF186084	1
5194 MIOA8539	Epstein-Barr virus induced gene 2(lymphocyte-specific G protein-coupled receptor) (=EBI2)	NP_004942.1	1
5195 ncrb2013	estrogen receptor gene, 5' partial (422 bp)	AJ002562.1	1
5196 ncr6197	estrogen receptor-bindingfragment-associated gene 9 (RefSeq aa 9e-68)	NP_004206.1	1
5197 MIOB2814	estrogen related receptor alpha (ESTRRA) pseudogene	U85258.1	1
5198 hfcr1310	estrogen-related receptor gamma (ESRRG)	NM_001438.1	1
5199 ncr6893	Ewing sarcoma breakpoint region 1 (EWSR1), transcript variant EWS	NM_005243.1	1
5200 seob4555	fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) (FGFR2)	NM_000141.1	1
5201 fcrb1807	fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism)(FGFR3)	XM_044120.1	1
5202 FCR2132	fibroblast growth factor receptor(N-sam)	X66945	1
5203 ncr7351	FYN-binding protein (FYB-120/130) (RefSeq aa 3e-38)	NP_001456.1	1
5204 ncr2388	G protein-coupled receptor 30 (GPR30)	NM_001505.1	1
5205 ncr1029	G protein-coupled receptor 48 (GPR48)	NM_018490.1	1
5206 MIOA0483	G protein-coupled receptor Edg-2	Y09479	1
5207 ncr6925	G protein-coupled receptor kinase 5 (GPRK5)	NM_005308.1	1
5208 MIOA0840a	GABAA receptor subunit alpha4	U30461	1
5209 seob5862	gene for vitamin D receptor, exon 9 (=1,25-dihydroxyvitamin D3) receptor)	AB002168.1	1
5210 miob4186	genes for vasopressin, oxytocin and a long interspersed repeated DNA element (LINE)	X59496.1	1

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5211 ncr8751	gephyrin (GPH)	NM_020806.1	1
5212 seob7877	G-protein coupled receptor (SH120)	gi7706703	1
5213 seob7760	G-protein-coupled receptor 48 (GPR48)	AF257182.1	1
5214 seob6104	growth factor receptor bound protein 2 (Grb2)	NM_008163.1	1
5215 MIOA7317	growth hormone receptor (contains Alu repeat)	X06562	1
5216 SEOB1879	H1 histamine receptor	Z34897.1	1
5217 FCR1776	Hin-2 (=U40396 steroid receptor coactivator SRC-1)	U19179	1
5218 SEOA2040	histamine H1-receptor	D14436.1	1
5219 MIOA1794	IL-1 receptor antagonist IL-1Ra (IL-1RN)	U65590	1
5220 MIOA0925a	IL-13 receptor	Y08768	1
5221 SEOA5151a	interferon alpha/beta receptor (IFNAR) gene, exon 11 and partial cds.	U06244	1
5222 ncr4454	interferon, gamma-inducible protein 16 (IFI16)	NM_005531.1	1
5223 MIOA4944a	interferon, gamma-inducible protein 30 (IFI30)(ORF) =J03909	NM_006332.1	1
5224 mioa7709a	interleukin-1 receptor-associated kinase 1 (IRAK1), mRNA /cds=(79,2217) /gb=Nm_001569 /gi=4755143 /ug=Hs.182018 /len=3583	Hs.182018	1
5225 FCR4385	interleukin-11 receptor	Z38102	1
5226 ncr3434	interleukin-18 binding protein c precursor (IL18BP)	AF110801.1	1
5227 hfcr0568	laminin receptor precursor/p40 ribosome associated protein gene 37 kD ( colin carcinoma laminin)	U43901.1	1
5228 miob1814	leukemia inhibitory factor receptor (LIFR)	NM_002310.2	1
5229 ncr5039	lymphatic vessel endothelial hyaluronan receptor 1 (LYVE-1)	NM_006691.1	1
5230 FCR7369	M2-type pyruvate kinase	M23725	1
5231 ncrb4652	m3 muscarinic acetylcholine receptor (CHRM3) gene	U29589.1	1
5232 hfcr9022	metabotropic glutamate receptor 6 (mGluR6) gene	U82083.1	1
5233 fCR1023	mineralocorticoid receptor (=hMR) (low match)	M80582	1
5234 hfcr1202	natriuretic peptide precursor B (NPPB)	NM_002521.1	1
5235 hfcr7508	neurotrophic tyrosine kinase, receptor, type 2 (NTRK2)	NM_006180.1	1
5236 ncr8906	NK receptor Ly-49L gene	AF126036.1	1
5237 seob5052	NKG2D gene	AJ001689.1	1
5238 seob5319	novel retinal pigment epithelial cell protein (NORPEG) (=KIAA1334)	AF155135.1	1
5239 ncr0045	NRBF-2 nuclear receptor binding factor-2	AB024930.1	1
5240 hfcr8885	nuclear receptor binding protein (NRBP)	NM_013392.1	1
5241 MIOB2686	nuclear receptor interacting protein 1 (NRIP1)	gi4505454	1
5242 ncr9881	nuclear receptor Rev-ErbA-beta	U20796.1	1
5243 hfcr5937	nuclear receptor subfamily 1, group I, member 3 (NR1I3)=( orphan nuclear hormone receptor)=(similar to XIST, coding sequence)	NM_005122.1	1
5244 ncrb8700	olfactory receptor (OR2D2) gene, partial cds	AF065876.1	1
5245 fcrb1162	olfactory receptor (OR7-86) pseudogene	U86282	1
5246 MIOA8639	olfactory receptor 17-93 (OR17-93) and olfactory receptor 17-201 (OR17-201) genes	U76377	1
5247 miob3120	oncostatin M receptor (OSMR)	NM_003999.1	1
5248 SEOA9619	osteoprotegrin ligand	AF053712	1
5249 fcrb1714	outer membrane receptor Tom20 (TOM20) gene (=KIAA0016)	AF126962.1	1
5250 SEOA3910	oxytocin receptor	X64878	1

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5251 FCR0143	oxytocinase splice variant 1	U62768	1
5252 MIOA7209a	P2X7	Y12853	1
5253 FCR1557	p50B/p97 (Lyt-10) transCRiption factor	D16367	1
5254 hfcr1141	PAR protein (PAR)	NM_012389.1	1
5255 hfcr1101	peroxisome proliferative activated receptor delta (PPARD) gene, exon 9 and complete cds	AF246296S8	1
5256 miob6929	peroxisome proliferative activated receptor, gamma, coactivator 1 (PPARGC1)	NM_013261.1	1
5257 SEOB2131	peroxisome receptor 1 (PXR1)	NM_000319.1	1
5258 ncrb0624	PEST-containing nuclear protein (pcnp)	NM_020357.1	1
5259 ncrb3415	photolyase, complete cds	D83702.1	1
5260 MIOA1137	pilin-like transCRiption factor	AF122004.1	1
5261 hfcr2796	PNR gene	AJ276674.1	1
5262 seoa4988a	pro-oncosis receptor inducing membrane injury gene (PORIMIN), mRNA /cds=(216,785) /gb=NM_052932 /gi=16418408 /ug=Hs.172089 /len=3338	Hs.172089	1
5263 mioa9273	prostaglandin E2 receptor EP4	AF177934	1
5264 miob0663	putative G-protein coupled receptor RA1c	AAD12761.1	1
5265 ncrb7177	receptor (calcitonin) activity modifying protein 3 (RAMP3)	NM_005856.1	1
5266 FCR1346	receptor of retinoic acid (=M73779 PML-RAR protein (PML-RAR))	X06614	1
5267 seoa7876a	receptor tyrosine kinase-like orphan receptor 2 (ROR2), mRNA /cds=(199,3030) /gb=NM_004560 /gi=4758841 /ug=Hs.155585 /len=4092	Hs.155585	1
5268 seob6395	receptor tyrosine phosphatase gamma (PTPRG) gene, exon 30 and complete cds	U46116.1	1
5269 fcrb1582	receptor-associated protein of the synapse, 43kD (RAPSN)	XM_037181.1	1
5270 MIOA6502a	regulator of G protein signaling (RGS5)	AF030108	1
5271 MIOA3679a	Rel domain-containing transCRiption factor NFAT5 (Nfat5)	AF162853.1	1
5272 SEOB0641a	RETINOIC ACID- AND INTERFERON-INDUCIBLE 58 KD PROTEIN (RI58)	spQ13325	1
5273 hfcr6579	retinoic acid receptor gamma (RARG)	NM_000966.1	1
5274 seob4613	retinoic acid receptor responder (tazarotene induced) 1 (RARRES1)= U27185.1 RAR-responsive (TIG1)	NM_002888.1	1
5275 SEOA4464a	retinoic acid receptor, beta (RARB) =Y00291 hap mRNA encoding a DNA-binding hormone receptor	NM_000965.1	1
5276 SEOA4017a	retinoic acid-induced protein (RAI2)	AF136587.1	1
5277 miob2448	retinoid x receptor interacting protein (LOC51720)	NM_016290.1	1
5278 ncrb6604	retinoid X receptor, alpha (RXRA)	NM_002957.2	1
5279 hfcr1826	retinoid X receptor, gamma (RXRG)	NM_006917.1	1
5280 HFCR3220	RS21-C6 (Tdrp-TL1)	AF110764.1	1
5281 hfcr0016	scg	D67015.1	1
5282 fcrb1299	Sck, partial	AB001451	1
5283 ncrb3569	secreted modular calcium-binding protein 2 (smoc2 gene)	AJ249902.1	1
5284 ncrb5019	sigma receptor (SR31747 binding protein 1) (SR-BP1)	NM_005866.1	1
5285 MIOA0059a	steroid receptor (TR2-11)	M29960	1
5286 hfcr9953	steroid receptor RNA activator	AF092038.1	1
5287 ncr3123	T41p (C8orf1)	AF061326.1	1



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5288 ncr3684	TAFII20 transcription factor TFIID(=TFIID subunits TAF20 and TAF15)(= subunit p22)	X84002.1	1
5289 hfcr9936	transmembrane receptor protein	Z17227.1	1
5290 hfcr5719	transportin-SR (TRN-SR)	AF145029.1	1
5291 MIOA1947a	TRHR gene promoter (low match)	AJ011701	1
5292 fCR0819	V beta T-cell receptor (TCRBV) (low match)	U03115	1
5293 hfcr7856	vanilloid receptor-like protein (VRL)	NM_016113.1	1
5294 hfcr3375	vasoactive intestinal peptide receptor 1 (VIPR1)	NM_004624.1	1
5295 SEOA0396	very low density lipoprotein receptor	D16532	1
5296 miob3937	v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog (KRAS2)	NM_004985.1	1
5297 ncrb6366	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog (KIT)(= c-kit gene)(= KIT proto-oncogene for mast/stem cell growth factor receptor, exon 21 )	NM_000222.1	1
5298 fcrb1562	benzodiazapine receptor (peripheral) (BZRP)	XM_040167.1	1
5299 FCR3957	14-3-3 epsilon	U54778	1
5300 FCR0608	14-3-3 protein beta subtype=putative protein kinase C regulatory protein	S55223	1
5301 hfcr0786	14-3-3 protein eta chain	D78577.1	1
5302 FCR2293	14-3-3 protein gamma subtype=putative protein kinase C regulatory protein	S55305	1
5303 FCR3001	14-3-3n protein (=D78577)	L20422	1
5304 SEOA3287	40 kDa protein kinase related to rat ERK2	Z11695	1
5305 MIOA8767	BIFUNCTIONAL 3'-PHOSPHOADENOSINE 5'-PHOSPHOSULFATE SYNTHETASE 1 (PAPS SYNTHETASE 1) (PAPSS 1) (SULFURYLASE KINASE 1) (SK1) (SK 1)	spO43252	1
5306 hfcr0370	calcineurin B	M30773.1	1
5307 FCR1989	cAMP-dependent protein kinase regulatory subunit RI-beta	M65066	1
5308 hfcr3444	CDC-like kinase 3 (CLK3) transcript variant phck3	NM_003992.1	1
5309 MIOA0753n	DCHT (=AF030403 Ste20-like protein kinase)	AF017635	1
5310 ncrb2166	ILK-1 gene for integrin-linked kinase 1, exons 1-13	AJ404847.1	1
5311 FCR0385	JAB1-containing signalosome subunit 3 (SGN3)	AF031647	1
5312 mioa9294	JNK2 beta2 protein kinase (JNK2B2) (ORF)	U35003.1	1
5313 hfcr4168	MAP kinase-interacting serine/threonine kinase 1 (MKNK1)	NM_003684.1	1
5314 miob5888	mitogen-activated protein kinase 5 (MAP4K5)	NM_006575.1	1
5315 ncrb2570	mitogen-activated protein kinase 8 (MAPK8)(= kinase (JNK1))	NM_002750.1	1
5316 ncr6170	mitogen-activated protein kinase phosphatase x (MKPX)	NM_020185.1	1
5317 ncr2717	mitogen-activated protein kinase-activated protein kinase 5 (RefSeq aa 3e-39)	NP_003659.1	1
5318 hfcr1418	mitotic spindle coiled-coil related protein (DEEPEST)	NM_006461.1	1
5319 SEOA3387a	pim-1 oncogene	M16750	1
5320 FCR1207	PKU-alpha	AB004884	1
5321 SEOB3076	PKY protein kinase	AF004849.1	1
5322 FCR2704	plk-1 (=U01038)	X73458	1
5323 ncrb0444	protein kinase C delta-type	D10495.1	1
5324 FCR7178	protein kinase C zeta	Z15108	1

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5325 ncr1837	protein kinase C, alpha (RefSeq aa 3e-31)	NP_002728.1	1
5326 mioa9935	protein kinase C, nu (PRKCN)	NM_005813.2	1
5327 hfcr3622	protein kinase CDK9(CDK9) gene	AF255306	1
5328 hfcr9461	protein kinase Chk2 (RAD53)	NM_007194.1	1
5329 seob6432	protein kinase C-theta (PRKCT)	L01087.1	1
5330 FCR6039	protein kinase Dyrk2	Y13493	1
5331 SEOA1689a	protein kinase inhibitor p58	U28424	1
5332 MIOA5097a	protein kinase inhibitor(testicular isoform) (ORF).	L02241	1
5333 FCR4469	PROTEIN MOV-10	spP23249	1
5334 MIOB2067	PROTEIN N-TERMINAL ASPARAGINE AMIDOHYDROLASE (PROTEIN NH2-TERMINAL ASPARAGINE DEAMIDASE) (NTN-AMIDASE) (PNAD) (PROTEIN NH2-TERMINAL ASPARAGINE AMIDOHYDROLASE) (PNA)	spQ64311	1
5335 FCR0059n	PROTEIN OS-9 PRECURSOR (non-exact 48%)	spQ13438	1
5336 FCR3856	protein tyrosine kinase t-Ror1 (Ror1) (=AF059524 reticulon gene family protein (RTN3))	U38894	1
5337 hfcr1419	rac protein kinase beta	M77198.1	1
5338 ncr6376	Ser/Thr protein phosphatase type 2C beta 2 isoform	AF294792.1	1
5339 ncr1967	serine racemase	AF169974.1	1
5340 hfcr6276	serine/threonine protein kinase (HSA250839)	NM_018401.1	1
5341 CR0052	serum inducible kinase (SNK)	M96163	1
5342 SEOA6118a	serum/glucocorticoid regulated kinase-like	gi7019527	1
5343 seob4270	SFRS protein kinase 1 (SRPK1)	NM_003137.1	1
5344 ncrb1880	SFRS protein kinase 2 (SRPK2)	NM_003138.1	1
5345 SEOA7587a	T2K protein kinase homologue	AF145705.1	1
5346 hfcr2237	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide (YWHAE)	NM_006761.1	1
5347 hfcr7957	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YWHAZ)	NM_003406.1	1
5348 FCR7711	tyrosyl-tRNA synthetase	U89436	1
5349 SEOA6695a	VRK2	AB000450	1
5350 SEOA3811a	cGMP phosphodiesterase delta subunit	AF022912	1
5351 MIOB2104	cGMP-binding cGMP-specific phosphodiesterase (PDE5)	AB001633.1	1
5352 mioa9492	cyclic AMP-regulated phosphoprotein (90% match)	AF112220.1	1
5353 FCR5176	CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-4 (DNA-BINDING PROTEIN TAXREB67) (CREB2)	spP18848	1
5354 ncr0457	Golgi membrane sialoglycoprotein MG160 (GLG1)(= cysteine-rich fibroblast growth factor receptor (CFR-1) mRNA)	U64791.1	1
5355 FCR2045	breakpoint cluster region protein 2 (BCRG2)	AF044774	1
5356 ncr7088	cAMP-regulated guanine nucleotide exchange factor II (CAMP-GEFII)	NM_007023.1	1
5357 hfcr8540	dishevelled 2 (homologous to Drosophila dsh) (DVL2)	NM_004422.1	1
5358 ncr1681	formin (Fmn)	NM_010230.1	1
5359 fcrb1359	formin-binding protein 17 (FBP17)	AF265550.1	1
5360 seob5418	GDP dissociation inhibitor 1(GDI1)	NM_001493.1	1
5361 ncr04588	GRB2-associated binding protein 1 (GAB1)	NM_002039.1	1

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5362 SEOB0096	GTPase Rab14 (LOC51730) (=DKFZp762K0911)	NM_016322.1	1
5363 SEOA1909	GTPase-activating protein GAPIII	U20238	1
5364 ncr0144	GTP-binding protein similar to RAY/RAB1C (RAYL), (ORF)	NM_006860.1	1
5365 SEOA1747a	guanine nucleotide exchange factor delta subunit (JGR1A)	M98036	1
5366 FCR6502	guanine nucleotide exchange factor GRP1 (=A223957 ARNO3 protein)	AJ005197	1
5367 FCR0860	guanine nucleotide regulatory protein (ABR)	U01147	1
5368 seob4424	guanine nucleotide regulatory protein (oncogene) (NET1A) mRNA	NM_005863.1	1
5369 hfcr8772	Intracellular hyaluronan-binding protein	AF241831.1	1
5370 CR0236	mad protein homolog (hMAD-2)	U68018	1
5371 FCR2340	MAD2 protein (=U31278)	AJ000186	1
5372 ncr0165	Na /H exchanger 2 (A57644) (ORF)	D87743	1
5373 FCR6497	Na /H exchanger regulatory factor 2 (NHERF-2) (=AF004900 NHE3 kinase A regulatory protein E3KARP)	AF035771	1
5374 miob0180	N-acetylneuraminate lyase (EC 4.1.3.3)(Non-exact 35% identity)	CAA27051.1	1
5375 fcrb0130	non-receptor tyrosine kinase (TNK1) gene, complete cds	AF097738	1
5376 ncrb6355	partial RAB18 gene for RAS-related small GTPase RAB18, exons 4-6	AJ277148.1	1
5377 SEOA6137a	phosphoprotein p53	M22898	1
5378 hfcr1798	Rab acceptor 1 (prenylated) (RABAC1)	NM_006423.1	1
5379 mioa9499	RAB10	XM_002267	1
5380 ncr0223	RAB2, member RAS oncogene family (RAB2) (ORF)	NM_002865.1	1
5381 MIOA0820	Rab27a (=AF154840.1 Ras-like GTP-binding protein (RAB27A))	U38654.3	1
5382 hfcr1918	RAB31, member RAS oncogene family (RAB31)	NM_006868.1	1
5383 HFCR9418	RAB39 (RAB39)	AF322067	1
5384 seob5886	RAB-8b protein (LOC51762),mRNA	NM_016530.1	1
5385 BFCN0133	rah=ras-related homologue	S72304	1
5386 fcrb1018	RalBP1 associated Eps domain containing protein (Reps1), mRNA	NM_009048.1	1
5387 FCR7009	RalGDS-like 2 (RGL2)	U68142	1
5388 hfcr8663	RAN binding protein 3 (RANBP3), transcript variant RANBP3-c	NM_007321.1	1
5389 FCR0779	RAN-SPECIFIC GTPASE-ACTIVATING PROTEIN (RAN BINDING PROTEIN 1) (RANBP1)	spP43487	1
5390 ncrb4428	Ras association (RalGDS/AF-6) domain family 2 (RASSF2)(= KIAA0168)	NM_014737.1	1
5391 seob6669	ras GTPase activating protein-like (NGAP) mRNA	NM_004841.1	1
5392 MIOA0247a	ras GTPase-activating-like protein (IQGAP1) (=D29640 KIAA0051)	L33075	1
5393 ncrc6844	Ras homolog enriched in brain 2 (RHEB2)	NM_005614.1	1
5394 ncrb2586	ras homolog gene family member A (ARHA)(= GTP-binding protein(rhoA))	NM_001664.1	1
5395 seob7699	RasGAP-related protein (IQGAP2)	U51903.1	1
5396 SEOA6711	ras-like protein	M31467	1
5397 FCR7379	ras-like protein (low match, 57% aa)	M31468	1

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5398 MIOA6621a	ras-related protein (rab18)	L04966	1
5399 hfcr9603	RAS-RELATED PROTEIN RAH1(AS-RELATED HOMOLOG)	spQ64008	1
5400 MIOA8102	RAS-RELATED PROTEIN RAP-1A (C21KG)(KREV-1 PROTEIN) (GTP-BINDING PROTEIN SMG-P21A) (G- 22K)	spP10113	1
5401 MIOA3361a	rho GDP-dissociation Inhibitor 1	X69550	1
5402 ncr2018	Rho GTPase activating protein 6 isoform5 (RefSeq aa 3e-NP_038266.1 67)		1
5403 seob6856	Rho-associated, coiled-coil containing protein kinase 2 (ROCK2)	NM_004850.2	1
5404 ncr9061	SH3 and PX domain-containing protein SH3PX1 (SH3PX1)	NM_016224.1	1
5405 hfcr3592	SH3 domain-containing protein 6511 (LOC51165)(ORF)	NM_016223.1	1
5406 hfcr8006	SH3-containing adaptor molecule-1	AF037261.1	1
5407 ncrb7483	SH3-containing protein EEN (EEN) and chromatin assembly factor-I p150 subunit (CAF) genes	AF190465.1	1
5408 FCR4699	signal transducer and activator of transCRiption 3 (acute- phase response factor) (STAT3)	L29277	1
5409 SEOA1460a	signal transducing adaptor molecule 2A (STAM2)	AF042273	1
5410 hfcr8450	signal-induced proliferation-associated gene 1 (SIPA1)	NM_006747.1	1
5411 seob6601	small GTP-binding protein RAB1A	AF226873.1	1
5412 MIOA3653a	Testin 2 (testin 3)	AF260225	1
5413 SEOA7417a	T-lymphoma invasion and metastasis inducing TIAM1 protein (TIAM1)	U16296	1
5414 ncrb1195	transducer of ERBB2, 1 (RefSeq aa 2e-64)	NP_005740.1	1
5415 miob6640	transducer of ERBB2, 2(TOB2)	NM_016272.1	1
5416 MIOA0474	transducin (beta) like 1 protein	Y12781	1
5417 fcrb1441	A kinase (PRKA) anchor protein 1 (AKAP1)	XM_008154.3	1
5418 hfcr2955	ANG2 (ANG2)	AF024631.2	1
5419 seob5223	angiopoietin-like 2 (ANGPTL2)	NM_012098.1	1
5420 BFCW0393	Aspergillus nidulans sudD homologue	AF013591	1
5421 FCR3277	BB1=malignant cell expression-enhanced gene/tumor progression-enhanced gene	gi1699264	1
5422 hfcr2642	bone-derived growth factor (BPGF-1)	L42379.1	1
5423 ncrb4025	EXT-like protein 2 (EXTL2)	AF000416.1	1
5424 mioa9666	factor C=endotoxin-sensitive intracellular serine protease zymogen {clone CrFC26}[Carcinoscorpius rotundicauda=Singapore horseshoe crabs, blood, amoebocytes, Peptide, 1083 aa, 34%ORF]	S77064	1
5425 SEOA0407	gliosarcoma-related antigen MIDA1 (MIDA1)	AF118853.1	1
5426 hfcr1302	glycine amidinotransferase (L-arginine:glycine amidinotransferase) (GATM)	NM_001482.1	1
5427 ncr3435	insulin-like growth factor binding protein 6 (IGFBP6) mRNA, complete mature peptide	M69054.1	1
5428 ncr2581	interferon-related developmental regulator 1	NP_001541.1	1
5429 FCR1724	MAGE-Xp (non-exact 60%) (=M80840 Mouse necdin non-X82539 exact)		1
5430 MIOA3799	non-erythrocyte beta spectrin	AF017112	1
5431 SEOA0449	NOV protein	X96585	1

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5432 FCR7095	SKB1Hs	AF015913	1
5433 ncr4496	angiopoietin-like factor (CTD6)	NM_021146.1	1
5434 FCR0893	activin beta-C chain	X82540	1
5435 ncrb4349	angiogenin ribonuclease RNase A family, 5 (ANG)	NM_001145.1	1
5436 ncrb2458	bone morphogenetic protein 4 precursor(RefSeq aa 8e-38)	NP_001193.1	1
5437 hfc9612	bone morphogenetic protein 7 (osteogenic protein 1) (BMP7) (=OP-1 )	NM_001719.1	1
5438 FCR1298	bone morphogenetic protein1 (BMP1) (clone KT2) and alternatively spliced mammalian tolloid protein (mTld)	L35279	1
5439 SEOB0308	CC-chemokine MCP-4	AJ001634.1	1
5440 miob5771	chemokine (C-X3-C) receptor 1 (CX3CR1)	NM_001337.1	1
5441 MIOA8705	chemokine receptor X(CKRX)	AF014958	1
5442 FCR0459	chimaeric transCRipt of collagen type 1 alpha 1 and platelet derived growth factor beta	Y15913	1
5443 ncr0238	decidual protein induced by progesterone (DEPP)	NM_007021.1	1
5444 ncr5509	developmental arteries and neural crest EGF-like protein mRNA (=fibulin-5)	AF112152.1	1
5445 MIOA8902	developmental protein DG1071	AAC67538.1	1
5446 ncr1687	endocrine regulator (RefSeq aa 2e-88)	NP_055160.1	1
5447 SEOA0491	enkephalin	K00489	1
5448 hfc6336	fibroblast growth factor 13 (FGF13)	NM_004114.1	1
5449 fcrb0979	fibroblasts of periodontal ligament	AB019409	1
5450 SEOA6364	glia maturation factor beta	M86492	1
5451 miob1789	glia maturation factor homologous protein	AB001993.1	1
5452 SEOB0938	gonadotropin-releasing hormone (=X01059)	X15215.1	1
5453 SEOB2156	GRO3 oncogene (GRO3)	NM_002090.1	1
5454 SEOA3147	growth factor-responsive protein, vascular smooth muscle (=U06713)	A53770	1
5455 ncr2172	growth hormone secretagogue precursor (GHRELIN) gene, complete cds	AF296558.1	1
5456 SEOA6393	growth inhibitor p33ING1 (ING1)	AF001954	1
5457 FCR2761	heparin cofactor II (HCF2)	M58600	1
5458 hfc1697	heparin-binding growth factor binding protein (non-exact 25% a.a)(DNA sequence (chromosome 4, Accn. No. AC005598.6)	NP_005121.1	1
5459 SEOA2184a	insulin-like growth factor binding protein 5	U02026	1
5460 BFCN0094	insulin-like growth factor binding protein (IGFBP-2) (=M35410)	X16302	1
5461 hfc1037	interferon-induced leucine zipper protein (IFP35) mRNA, partial cds	U72882.1	1
5462 miob5434	keratinocyte, normal	U33270.1	1
5463 SEOA7268a	mast cell growth factor (Mgf)	U44725	1
5464 SEOB0250	monocyte seCRetory protein, JE (=S69738)	M28226.1	1
5465 seob7868	NB thymosin beta	D82345.1	1
5466 MIOB2855	neuroendoCRine seCRetory protein 55	AF105253.1	1
5467 fcrb1721	placental growth factor vascular endothelial growth factor-related protein (PGF)	XM_040405.1	1
5468 ncr5072	prepro insulin-like growth factor-I (IGF-I) gene, exon 1	M59812.1	1
5469 ncr4780	preproadrenomedullin, complete cds (exon 1-4)	D43639.1	1
5470 miob0487	schwannomin interacting protein 1 (SCHIP-1)	NM_014575.1	1

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5471	SEOA2900a	seCRetory protein clone 1.1 (=D79993 KIAA0171)	U00157	1
5472	MIOA0884a	thymocyte protein cThy28kD (=AF161493 HSPC144)	U34350	1
5473	hfcR2933	Transformation-related protein	AAA36776.1	1
5474	FCR4795	transformation-sensitive protein (IEF SSP 3521)	M86752	1
5475	FCR7065	transforming acidic coiled-coil containing protein 3 (TACC3)	AF093543.1	1
5476	ncrc5762	transforming growth factor, alpha (TGFA)	NM_003236.1	1
5477	SEOA0770	transforming growth factor-beta type I receptor	AF035669	1
5478	FCR1833	TRANSFORMING PROTEIN P21/H-RAS-1 (C-H-RAS)	spP01112	1
5479	hfcR3928	TRK-fused gene (NOTE: non-standard symbol and name) (TFG) (ORF)	NM_006070.1	1
5480	ncrb3341	uncharacterized bone marrow protein BM028 (=chord domain-containing protein 1 (CHP1))	AF217505.1	1
5481	seob2555	uncharacterized bone marrow protein BM029 (BM029)	NM_018450.1	1
5482	SEOB0261	uncharacterized bone marrow protein BM031	AF217508.1	1
5483	SEOB2810	uncharacterized bone marrow protein BM033	AF217510.1	1
5484	miob3354	uncharacterized bone marrow protein BM044	AF217520.1	1
5485	miob3308	uncharacterized hypothalamus protein HT010 (HT010)	NM_018471.1	1
5486	ncrb2151	vascular endothelial growth factor C (RefSeq aa 6e-31)	NP_005420.1	1
5487	ncr3837	vascular endothelial junction-associated molecule	AF255910.1	1
5488	fcrb1428	vascular Rab-GAP/TBC-containing (VRP)	XM_010826.2	1
5489	ncrb4957	WNT1 inducible signalling pathway protein 2 (WISP2)	NM_003881.1	1
5490	hfcR8567	adenylyl cyclase	AF070583.1	1
5491	FCR1828	adenylyl cyclase type V (=AB007882 hypothetical protein (KIAA0422))	M96159	1
5492	FCR0837N	bone gamma-carboxyglutamate (gla) protein (osteocalcin) (BGLAP)	X51699	1
5493	SEOA7517a	motch B	X68279	1
5494	SEOB1175	NAALADase II protein	AJ012370.1	1
5495	SEOA5992a	adenylate cyclase 7 (ADCY7) (=D25538 KIAA0037)	gi4557254	1
5496	hfcR6322	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I (ADCYAP1R1)	NM_001118.1	1
5497	MIOA2560a	ADP-ribosylation factor	L38490	1
5498	fCR0077	ADP-ribosylation factor (hARF5)	M57567	1
5499	ncr4572	ADP-ribosylation factor 3 (ARF3)	NM_001659.1	1
5500	hfcR9998	ADP-ribosylation factor binding protein (GGA1)	AF190862.1	1
5501	mioa7773a	ADP-ribosylation factor GTPase activating protein 1, clone MGC:10272 IMAGE:3938853, mRNA, complete cds	BC005122.1	1
5502	ncr8041	ADP-ribosylation factor-like 5 (ARL5), mRNA	NM_012097.1	1
5503	fcrb2534	ADP-ribosylation factor-like 6 interacting protein (ARL6IP), mRNA	XM_027365.2	1
5504	SEOA3989a	alpha-catenin-like protein (CTNNAL1)	AF030233	1
5505	seoa8146	ARP1 (actin-related protein 1, yeast) homolog A (centractin alpha) (ACTR1A), mRNA	XM_031949.1	1
5506	miob1007	beta-arrestin 2(=ARRB2)	AF106941.1	1
5507	ncr2862	Ca/calmodulin-dependent protein kinase II, delta subunit (Camk2d)	NM_012519.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 305 of 312**

5508 seob3653	Ca2 -transporting ATPase (EC 3.6.1.38), fast skeletal muscle sarcoplasmic reticulum - edible frog (ORF)	S24359	1
5509 hfc1055	calcium/calmodulin-dependent protein kinase I (CAMK1) (ORF)	NM_003656.2	1
5510 MIOA4782a	CALCIUM-BINDING PROTEIN E63-1=U25882(ORF)	P48593	1
5511 seob5379	calcium-independent alpha-latrotoxin receptor homolog 2 (CIRL-2) mRNA, complete cds	AF063102	1
5512 ncr4416	catenin (cadherin-associated protein), beta 1 (CTNNB1)	NM_001904.1	1
5513 ncrb6530	catenin(cadherin-associated protein), delta 1 (CTNND1)(= p120 catenin isoform 1ABC (CTNND1))	NM_001331.1	1
5514 FCR6524	collapsin response mediator protein CRMP-1 (=D78012)	U17278	1
5515 hfc1220	ECSIT (LOC51295)	NM_016581.1	1
5516 hfc1418	Gi3 alpha protein	X54048.1	1
5517 miob6910	granulysin (GCL)	NM_012198.1	1
5518 MIOA4677	guanylyl cyclase C gene	U20230	1
5519 FCR3323	homer-2a	AF093263	1
5520 hfc1816	indian hedgehog protein (IHH)	L38517.1	1
5521 hfc0478	max gene	X66867.1	1
5522 MIOA7069a	NAD ADP-ribosyltransferase 3 (ADPRT3)	AF085734.1	1
5523 mioa9966	nuclear receptor subfamily 2, group C, member 1 (NR2C1), = M29960.1 steroid receptor (TR2-11)	NM_003297.1	1
5524 SEOA9165	SAR1 (SAR1)	AF261717	1
5525 BFCS0319	soluble guanylate cyclase small subunit	X66533	1
5526 miob5647	terminal transferase	M11722.1	1
5527 SEOA1902	TIRC7 protein (TCIRG1)	AF033033.2	1
5528 SEOA4598	TNF receptor-1 associated protein (TRADD)	L41690	1
5529 hfc8608	TNF receptor-associated factor 1 (TRAF1)	NM_005658.1	1
5530 hfc6998	TNF-alpha stimulated ABC protein (ABC50)	AF027302.1	1
5531 hfc9565	TNF-receptor associated factor-3 (TRAF-3)	AF110908.1	1
5532 SEOB1801	TOK-1beta	AB040451.1	1
5533 MIOA8439	vitamin D3 receptor interacting protein (DRIP80)	AF105421.1	1
5534 hfc0594	inner membrane protein mitochondrial (mitofilin) (IMMT),(= p87/89 gene)=( motor protein )	gi5803114	1
5535 ncrb0462	thiamine transporter 1 (THT1)	AF160812.1	1
5536 miob3944	ABC transporter (ATM1)	AF078777.1	1
5537 FCR6944	calcium activated neutral protease large subunit (muCANP, calpain, EC 3.4.22.17)	X04366	1
5538 ncr6874	calcium transport ATPase ATP2C1 (ATP2C1)	AF225981.1	1
5539 MIOA6483a	calcium-activated potassium channel	U093833	1
5540 MIOA0304	channel-kinase 1 (CHAK1)	AF346629	1
5541 FCR1225N	chloride channel 3 (CLCN3)	X78520	1
5542 SEOA8839	chloride channel protein 4	AB019432.1	1
5543 MIOA3492a	chloride channel regulatory protein	U17899	1
5544 miob0420	connexin 26 (GJB2)	M86849.2	1
5545 hfc6043	Creatine transporter (SLC6A8) and (CDM) paralogous genes, (=accessory protein BAP31/BAP29 )	gi1401058	1
5546 SEOB1158	dopamine responsive protein DRG-1	AF271994.1	1
5547 ncr5975	familial intrahepatic cholestasis 1, (progressive, Byler disease and benign recurrent) (RefSeq aa 3e-91)	NP_005594.1	1

Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 306 of 312

5548 FCR0300	gamma-aminobutyraldehyde dehydrogenase (=U50203 aldehyde dehydrogenase E3')	U34252	1
5549 miob3968	gamma-aminobutyric acid (GABA) A receptor, alpha 4 (GABRA4)	NM_000809.1	1
5550 hfcr3391	gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1)	NM_001471.1	1
5551 seoa8040	glycoprotein (transmembrane) nmb (GPNMB), mRNA /cds=(91,1773) /gb=NM_002510 /gi=4505404 /ug=Hs.82226 /len=2669	Hs.82226	1
5552 fcrb1892	hemoglobin, alpha 1 (HBA1)	NM_000558.3	1
5553 fcrb2704	hemoglobin, alpha 2 (HBA2),	NM_000517.3	1
5554 ncr6005	large conductance calcium- and voltage-dependent potassium channel alpha subunit (MaxiK) mRNA, complete cds	U11058.2	1
5555 FCR0553	L-type calcium channel beta-1 subunit (CACNLB1) (=M92303 voltage-dependent calcium channel beta-1)	U39412	1
5556 ncr3527	Machado-Joseph disease (MJD)	NM_004993.1	1
5557 ncr2083	membrane-bound aminopeptidase P (XNPEP2) gene	AF195953.1	1
5558 MIOA8939	minK-related peptide 3	AF076533.1	1
5559 MIOA2167a	OCTN2	AB016625.1	1
5560 seob7123	PALS1	AF199008	1
5561 seob7758	potassium channel subunit (=AB037843 KIAA1422)	AF089730	1
5562 ncr5485	potassium large conductancecalcium-activated channel, subfamily M, alpha member 1 2e-54	NP_002238.1	1
5563 seob7444	potassium voltage-gated channel, shaker-related subfamily, beta member 1,(KCNAB1)	NM_003471.1	1
5564 fCR0087	proton pump polypeptide	M58758	1
5565 mioa9604	SODIUM/HYDROGEN EXCHANGER 6 (NA( )/H( ) EXCHANGER 6) (NHE-6) (KIAA0267)	Q92581NAH6	1
5566 FCR5879	TRPC1 protein	X89066	1
5567 miob2533	VDAC1 gene porin isoform 1	AJ250039.1	1
5568 miob5012	voltage-gated potassium channel KCNQ5 (KCNQ5)	AF263835.1	1
5569 fcrb0332	cell surface glycoprotein P1H12 precursor	AF089868.1	1
5570 MIOA8973	killer cell lectin-like receptor subfamily B, member 1 (KLRB1) (=hNKR-P1a protein (NKR-P1A))	NM_002258.1	1
5571 FCR7419	METAXIN	spQ13505	1
5572 FCR5378	beta 2	X02344	1
5573 FCR2180N	beta4-integrin (ITGB4) (low match)	U66534	1
5574 miob6442	cadherin 5, VE-cadherin (vascular epithelium) (CDH5)	NM_001795.1	1
5575 FCR0440	cadherin-15	D83542	1
5576 MIOA7403a	cerebral cell adhesion molecule (=AB011156 KIAA0584) (75% aa)	AF177203.1	1
5577 MIOA6484a	c-type lectin DCL1 (ORF)	AF121352	1
5578 SEOA2442a	cysLT1 LTD4 receptor (CYSLT1)	AF119711.1	1
5579 ncr7839	desmoplakin (DPI, DPII) (RefSeq aa 1e-88)	NP_004406.1	1
5580 hfcr2732	flotillin 1 (FLOT1)	NM_005803.2	1
5581 ncr7570	focal adhesion kinase (FAK)	L13616.1	1
5582 SEOB0650a	fucosyltransferase 8 (alpha (1,6)fucosyltransferase)	NP_004471.1	1
5583 MIOA6717a	GPI transamidase	AF022913	1
5584 FCR0224	hGAA1	AB006969	1
5585 hfcr1284	ICHIT protein (52/53)	AJ010903.1	1
5586 hfcr2820	insulin-like growth factor binding protein 4 (IGFBP4)	M62403.1	1



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5587 MIOA3469a	integrin alpha 6	X53586	1
5588 miob0681	integrin associated protein	Z25524.1	1
5589 ncr0912	integrin beta 3 binding protein (beta3-endonexin) (ITGB3BP), (=nuclear receptor co-activator NRIF3 (NRIF3))	NM_014288.1	1
5590 SEOB1144	INTEGRIN BETA-8 PRECURSOR	spP26012	1
5591 hfcr4488	integrin, alpha 5 (fibronectin receptor, alpha polypeptide) (ITGA5)	NM_002205.1	1
5592 fcrb1697	junctional adhesion molecule 3 (JAM3)	XM_053514.1	1
5593 ncr6620	N-cadherin mRNA, complete cds	M34064.1	1
5594 hfcr2275	nel (chicken)-like 2 (NELL2)	NM_006159.1	1
5595 hfcr0412	neural cell adhesion molecule	X07200.1	1
5596 FCR1421N	neural F box protein NFB42	AF098301	1
5597 hfcr8252	ninjurin 2 (NINJ2)	NM_016533.1	1
5598 ncr1368	novel protein AHNK mRNA, partial sequence	M80899.1	1
5599 MIOA3588a	p55-related MAGUK protein DLG3 (dlg3)	AF124435.1	1
5600 seob6797	PCDH-psi3 pseudogene	AF152529.1	1
5601 MIOB2687	PNGase	AF250924.1	1
5602 hfcr4046	polycystic kidney disease 1(autosomal dominant) (PKD1)	NM_000296.1	1
5603 hfcr7101	Semaphorin A (V)(SEMA5)	NM_004636.1	1
5604 BFCW0401	semaphorin V	U28369	1
5605 FCR6016	syntaxin 5	U26648	1
5606 SEOA4296a	syntaxin4-interacting protein synip (ORF)	AF152924	1
5607 BFCW0288	SYT	X79201	1
5608 MIOA0218a	thrombomodulin, endothelial cell	M16552	1
5609 hfcr9352	TRAF interacting protein (TRIP)	NM_005879.1	1
5610 seob8021	TRAF5	AB000509.1	1
5611 ncr2472	TRAF-interacting protein I-TRAF	U59863.1	1
5612 ncr0240	triple functional domain(PTPRF interacting) (TRIO)(ORF)	NM_007118.1	1
5613 FCR0503	Tspan-3	AF054840	1
5614 ncr7239	Nop10p	NM_018648.1	1
5615 fcrb1917	chromodomain helicase DNA binding protein 3 (CHD3)	NM_001272.1	1
5616 FCR3274	chromosomal protein HMG1 related gene	D14718	1
5617 hfcr9975	chromosome-specific mRNA	L23207.1	1
5618 miob6717	cisplatin resistance associated (CRA)	NM_006697.1	1
5619 hfcr9188	H1 histone (H1F0)	NM_005318.1	1
5620 ncr7312	H2A histone family, member Y (H2AFY)(= histone macroH2A1.2)	NM_004893.1	1
5621 hfcr6965	H2B histone family, member Q (H2BFQ)	NM_003528.1	1
5622 ncrb1923	heterochromatin protein homologue (HP1)	L07515.1	1
5623 SEOA1419a	heterochromatin protein p25	U35451	1
5624 MIOA7408a	high mobility group 1 protein	L13804	1
5625 seob5574	high mobility group 1-like protein L6 (HMG1L6) retropseudogene sequence	AF076678.1	1
5626 FCR3032	high mobility group box (SSRP1)	M86737	1
5627 FCR7542	high mobility group HMGIC/NFIB fusion protein (HMGIC/NFIB)	AF022215	1
5628 miob5699	high mobility group-box containing protein 1 (HBP1)	NM_012257.1	1
5629 MIOA6807a	highly charged protein (D13S106E) (=X59131)	gi5031648	1

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5630 fcrb2013	high-mobility group (nonhistone chromosomal) protein 1 (HMG1)	XM_028234.1	1
5631 FCR6924	high-mobility group phosphoprotein (HMGI-C)	L41044	1
5632 hfc0858	high-mobility group phosphoprotein isoform I-C (HMGIC) gene	U28754.1	1
5633 miob5646	histone acetylase complex subunit (SPT3)	AF073930.1	1
5634 FCR0833	histone H2A.X	X14850	1
5635 SEOA9729	hp1-gamma+D2192 Heterochromatin protein 1 gamma	AB030905	1
5636 ncr7189	importin beta subunit	L38951.1	1
5637 FCR0508	Nap1 protein (=AB011159 hypothetical protein (KIAA0587))	D84346	1
5638 hfc4446	non-histone chromosomal protein (NHC)	U90549.1	1
5639 FCR4471	nonhistone protein HMG1	M21683	1
5640 FCR6412	nucleosome assembly protein 2	U77456	1
5641 fcrb1095	PDNA sequence AC clone 219d7,	AF225899	1
5642 seoa7966	pericentriolar material 1 (PCM1), mRNA /cds=(409,6483) /gb=NM_006197 /gi=5453855 /ug=Hs.75737 /len=6577	Hs.75737	1
5643 FCR5019	RecQ4 DNA helicase	AB006532	1
5644 seob4224	RPA interacting protein alpha (44% ORF)	CAB45690.1	1
5645 ncr7211	RTS gene	AF305057.1	1
5646 hfc6199	RuvB (E coli homolog)-like 2(RUVBL2) (=erythrocyte cytosolic protein )	NM_006666.1	1
5647 SEOB1744	telomeric repeat binding factor 2 (TERF2)	NM_005652.1	1
5648 fcrb1990	TERF1 (TRF1)-interacting nuclear factor 2 (TINF2)	XM_033252.1	1
5649 hfc9787	TRF2-interacting telomeric RAP1 protein (RAP1) mRNA, complete cds	AF262988.1	1
5650 FCR3418	34 kDa Mov34 homolog	U70735	1
5651 MIOB2564	BTG family, member 3 (BTG3)	5802989	1
5652 ncr1687	cdk inhibitor p27KIP1	AY004255.1	1
5653 SEOB0084	MD-2 protein (MD-2)	NM_015364.1	1
5654 miob3371	M-phase phosphoprotein 4 (MMP4)	NM_012218.1	1
5655 SEOA2633	OM-1	X67534	1
5656 FCR3201	200 kD protein	X80169	1
5657 seob4467	5-azacytidine induced gene 2 (Azi2)	NM_013727.1	1
5658 MIOA1097	BM-006	AF208848	1
5659 ncr8413	BM-008	AF208850	1
5660 ncr4227	BM-017 (=ALEX3)	AF208859.1	1
5661 ncr0139	BM022 mRNA	AF212225.1	1
5662 SEOB3556	CDC23 (cell division cycle 23, yeast, homolog) (CDC23)	NM_004661.1	1
5663 BFCS0266	CDC37 homologue	U43077	1
5664 SEOA8684	Cdc7 (CDC7)	AF015592.1	1
5665 FCR4582	cdk-inhibitor p57/KIP2 (CDKN1C) (=U22398)	U48869	1
5666 seob5395	cell cycle gene RCC1	X12654.1	1
5667 SEOA3895	clk1	L29219	1
5668 hfc5147	cycA gene for cyclin A	X68303.1	1
5669 FCR6881	cyclin B	M25753	1
5670 miob2473	cyclin C (CCNC)	NM_005190.2	1
5671 MIOA4721	cyclin G1 interacting protein	U61837	1
5672 seob5942	cyclin H (CCNH) mRNA	NM_001239.1	1

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5673 ncr6343	cyclin K (RefSeq aa 5e-62)	NP_003849.1	1
5674 ncr6745	cyclin T1 (RefSeq aa 7e-75)	NP_001231.1	1
5675 hfc0723	cyclin T2 (CCNT2)	NM_001241.1	1
5676 hfc8598	Cyclin-dependent kinase (CDC2-like) 10 (CDK10)(non-exact match, possibly novel)	NM_003674.1	1
5677 SEOA2004	CYCLIN-DEPENDENT KINASES REGULATORY SUBUNIT 1 (CKS-1)	spP33551	1
5678 SEOA7296a	D-type cyclin-interacting protein 1 (DIP1)	AF082569	1
5679 hfc8765	enhancer of zeste (Drosophila) homolog 2 (EZH2)	NM_004456.1	1
5680 hfc2250	Fanconi anemia, complementation group G (FANCG)	NM_004629.1	1
5681 ncrb3020	GANP protein (=KIAA0572 protein )	AJ010089.1	1
5682 SEOB1834	geminin	AF067855.1	1
5683 SEOA8605	GTP binding protein similar to S. cerevisiae HBS1 (HBS1) (=eRFS) (=KIAA1038)	NM_006620.1	1
5684 MIOA1674a	GTP-binding protein	Z49068	1
5685 FCR3772	GTP-binding protein (RAB4)	M28211	1
5686 FCR6577	GTP-binding protein (rhoB)	AF098515	1
5687 FCR0288	GTP-binding protein (rhoC) (=X05026;L09159)	L25080	1
5688 miob3175	GTP-binding protein alpha q subunit (GNAQ) mRNA, complete cds	U40038.1	1
5689 SEOA4246a	GTP-binding protein NGB	AF120334	1
5690 MIOA4792a	GTP-binding protein rah	AF058807	1
5691 ncr1510	HARP (HARP) gene	AF210835.1	1
5692 FCR0604	HsGAK	D88435	1
5693 hfc8947	lodestar protein	AF080255.1	1
5694 MIOA6811a	Mig-6=mitogen-inducible gene mig-6 product	gi1037127	1
5695 miob1811	minichromosome maintenance deficient (mis5, S. pombe) 6 (MCM6)	NM_005915.2	1
5696 FCR4380	Miz-1 protein	Y09723	1
5697 MIOA1025	myeloid differentiation primary response protein MyD88	U70451	1
5698 ncrb5735	NIMA (never in mitosis gene a)-related kinase 6 (NEK6)	NM_014397.1	1
5699 SEOB1737	nucleolar protein p40	AAB46731.1	1
5700 seob6550	nucleolin (NCL) (=FLJ20214 fis)	NM_005381.1	1
5701 MIOA2447a	p85Mcm (=D55716 P1cdc47; D28480 hMCM2)	X74796	1
5702 FCR3143	PRAD1 cyclin	X59798	1
5703 hfc3514	Pseudoautosomal GTP-binding protein-like (PGPL)(ORF)= Y14391.2	NM_012227.1	1
5704 FCR4444	RhoE=26 kda GTPase homolog	S82240	1
5705 ncr9774	topoisomerase II alpha-4 (AF285159)	AAG13405.1	1
5706 SEOB0944	Fas-associated factor, FAF1 (Faf1 gene)	AJ271408.1	1
5707 ncr4771	neuronal thread protein AD7c-NTP	NP_055301.1	1
5708 MIOA7544a	neutral sphingomyelinase (N-SMase) activation associated factor (NSMAF) (=X96586 FAN protein)	gi4505464	1
5709 SEOA4601a	Newcastle disease virus inducible protein	U25276	1
5710 hfc5860	APG5 (autophagy 5, S.cerevisiae)-like (APG5L) =(apoptosis specific protein)	NM_004849.1	1
5711 miob0782	apoptosis inhibitor 1 (API1)	NM_001166.1	1
5712 hfc3633	apoptosis inhibitor survivin gene, complete cds	U75285.1	1
5713 SEOB0514	apoptosis related protein APR-3	AF144055.2	1
5714 ncrb1084	apoptosis-associated nuclear protein (PHLDA1) gene	AF239986.1	1

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5715 ncr9826	Baculoviral IAP repeat-containing 3 (BIRC3)(=inhibitor of apoptosis protein-1 (MIHC)	NM_001165.2	1
5716 MIOA0466	Bcl-2-binding protein (BAG-1)	AF022224	1
5717 ncrb0273	bridging integrator protein-1 (BIN1) gene	U84000.1	1
5718 hfcr9438	caspase 3, apoptosis-related cysteine protease (CASP3)	NM_004346.1	1
5719 ncrb4538	caspase 6, apoptosis-related cysteine protease	XP_003600.1	1
5720 FCR4834	cell death suppressor (WA1) (=AF049672)	AF000267	1
5721 MIOA4542a	cell recognition molecule Caspr2 (=AB020675 KIAA0868) (60% aa)	AF193613	1
5722 miob1318	death-associated protein kinase 1 (DAPK1)	NM_004938.1	1
5723 MIOA1955a	DRAK1	AB011420	1
5724 seoa7699a	dual specificity phosphatase 6, clone MGC:3789 IMAGE:2906126, mRNA, complete cds	BC003143.1	1
5725 FCR5618	DUSP6 (=X93920 protein-tyrosine-phosphatase)	AB013382.1	1
5726 MIOA7247a	ES18	AF083930	1
5727 MIOA2152	Fas-apoptosis inhibitory molecule (Faim)	AF130367.1	1
5728 SEOB0418	neuronal apoptosis inhibitory protein 6 (Naip6); Naip3	AF242431.1	1
5729 miob0399	neuronal cell death-related protein (LOC51616), mRNA	NM_015975.1	1
5730 fCR0925	neurotrophin-3 (NT-3)	M37763	1
5731 hfcr9643	programmed cell death 5(PDCD5),(= TFAR1) Length = 559	NM_004708.1	1
5732 SEOA9724	programmed cell death 9 (PDCD9) (ORF)	AF146192	1
5733 SEOB1323	RIP protein kinase	U50062.1	1
5734 MIOA5889a	seCReted apoptosis related protein 1 (Sarp1)	AF017989	1
5735 hfcr3647	Siva-2 (ORF)	AF033111	1
5736 ncr3568	Kin17 protein	AJ005273.1	1
5737 FCR3584	MSSP	D82352	1
5738 ncr1175	ATP-DEPENDENT DNA HELICASE II, 80 KDA SUBUNIT (LUPUS KU AUTOANTIGEN PROTEIN P86) (KU86)(KU80) (86 KDA SUBUNIT OF KU ANTIGEN) (THYROID-LUPUS AUTOANTIGEN) (TLAA) (CTC BOX BINDING FACTOR 85 KDA SUBUNIT) (CTCBF) (CTC85) (NUCLEAR FACTOR IV) (DNA-REPAIR PRO>)	spP13010	1
5739 ncr1105	DNA fragmentation factor, 45 kD, alpha polypeptide (DFFA)	NM_004401.1	1
5740 FCR4740	DNA polymerase delta	M81735	1
5741 FCR6714	DNA replication licensing factor (huMCM2) (=D21063 KIAA0030)	D83987	1
5742 SEOA8432	DNA-DIRECTED RNA POLYMERASE II 19 KDA POLYPEPTIDE (RPB7)	spP52433	1
5743 SEOB0031	DNA-DIRECTED RNA POLYMERASES I, II, AND III 7.0 KD POLYPEPTIDE (ABC10-ALPHA) (RPB7.0)	spP53803	1
5744 ncr1522	gene encoding splicing factor SF1	AJ000052.1	1
5745 ncr3260	line-1 reverse transcriptase	AAC51337.1	1
5746 ncr9328	meiotic recombination (S. cerevisiae)11 homolog B (RefSeq aa 9e-69)	NP_005582.1	1
5747 ncr4663	meiotic recombination protein REC14	AAG31639.1	1
5748 MIOA4037a	origin recognition complex protein 2 homologue (hORC2L)	U27459	1

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5749 FCR3743	origin recognition complex subunit 4 (ORC4L) (=AF022108)	AF047598	1
5750 MIOA1775	origin recognition complex subunit LATHEO (LATHEO)	AF093535.1	1
5751 ncr7016	origin recognition complex, subunit 3(yeast homolog)-like (RefSeq aa 2e-84)	NP_036513.1	1
5752 seob7392	polymerase (RNA) II (DNA directed) polypeptide A (220kD) (POLR2A)	NM_000937.1	1
5753 ncr3516	polymerase (RNA) II (DNA directed) polypeptide C (33kD) (POLR2C) mRNA(=variant beta for RNA polymerase II subunit 3)(= polymerase subunit hRPB 33)	NM_002694.1	1
5754 hfcr7505	polymerase (RNA) II (DNA directed) polypeptide E (25kD) (POLR2E)	NM_002695.1	1
5755 hfcr6600	polymerase (RNA) II (DNA directed) polypeptide I (14.5kD) (POLR2I)	NM_006233.2	1
5756 hfcr7317	polymerase (RNA) III (DNA directed) (39kD) (RPC39)	NM_006466.1	1
5757 FCR6314	polymerase II subunit hsRPB4	U89387	1
5758 hfcr9549	primase, polypeptide 1(49kD) (PRIM1)(= (subunit p48))	NM_000946.1	1
5759 FCR4803	replication factor C, 40-kDa subunit (A1) (=AF045555)	M87338	1
5760 ncr9686	reverse transcriptase (non-exact)	AAB02291.1	1
5761 FCR4494	BAF60b	AF068245	1
5762 miob3234	binding protein(SRM300)(= HSPC075)(= splicing coactivator subunit SRm300) Length = 7789	NM_016333.1	1
5763 hfcr6384	budding uninhibited by benzimidazoles 1 (yeast homolog), beta (BUB1B)	NM_001211.2	1
5764 SEOB1778	anaphase-promoting complex subunit 7 (APC7)	AF191340.1	1
5765 miob0682	BCL2-associated athanogene 2 (BAG2)	NM_004282.2	1
5766 ncr1791	CDEI binding protein	Z22572.1	1
5767 SEOA3121a	cell division protein (=AJ005892 JM23 protein)	AF063015	1
5768 FCR0090n	cytosolic adenylate kinase (AK1)	J04809	1
5769 BFCW0134	D9 splice variant A	U95006	1
5770 ncrb1247	disabled (Drosophila) homolog 1 (DAB1)	NM_021080.1	1
5771 SEOB0975	discs, large (Drosophila) homolog 1 (DLG1)	gi4758161	1
5772 hfcr3531	D-prohibitin	AF178980	1
5773 FCR0490	hERV1	U31176	1
5774 mioa0506m	hevin like protein =high endothelial venule (ORF)	X82157	1
5775 MIOA3685a	Murr2 (=AB018272 KIAA0729)	D85434	1
5776 ncrb1861	Notch2	D32210.1	1
5777 ncr5168	progesterone induced protein (RefSeq aa 6e-32)	NP_056986.1	1
5778 miob3315	prohibitin (PHB)	NM_002634.2	1
5779 seoa7752a	proliferating cell nuclear antigen (PCNA), mRNA /cds=(118,903) /gb=Nm_002592 /gi=4505640 /ug=Hs.78996 /len=1231	Hs.78996	1
5780 fcrb1590	proliferation potential-related protein	AF352051.1	1
5781 SEOB0376	proto-oncogene (Wnt-5a)	L20861.1	1
5782 miob5412	RFG	X77548.1	1
5783 fcrb2381	SEPTIN 6 type II (SEPTIN6) mRNA, complete cds	AF403059.1	1
5784 ncrb8747	tumor endothelial marker 7 precursor (aa 3e-13)	NP_065138.1	1

**Figure 6A – EST Names Corresponding to Unique Known Genes of Figure 6 - Page 312 of 312**

5785 MIOA3725a	tumor neCRosis factor receptor 2 (TNFR2)	U52165	1
5786 hfcr8925	tumor necrosis factor type 1 receptor associated protein (LOC51721), mRNA	NM_016292.1	1
5787 hfcr8824	tumor necrosis factor type 2 receptor associated protein (TRAP3) mRNA, complete cds	U12597.1	1
5788 seob4030	tumor necrosis factor(ligand) superfamily, member 12 (TNFSF12) (=AF055872.1 APO3L)	NM_003809.1	1
5789 ncr1203	tumor necrosis factor, alpha-induced protein 1 (endothelial) (TNFAIP1)	NM_021137.1	1
5790 seob1061	tumor necrosis factor, alpha-induced protein 3 (TNFAIP3) (=DKFZp434B029)	NM_006290.1	1
5791 hfcr2941	tumor protein D52-like 2 (TPD52L2)	NM_003288.1	1
5792 seob5465	tumor protein p53-binding protein, 2 (TP53BP2) mRNA	NM_005426.1	1
5793 hfcr2808	tumor suppressing subtransferable candidate 1 (TSSC1)	NM_003310.1	1
5794 ncrb5384	tumor susceptibility gene 101 (RefSeq aa 2e-61)	NP_006283.1	1
5795 SEOA6395	raf oncogene	X03484	1
5796 FCR4921	mitochondrial precursor receptor (=D13641 Human KIAA0016)	D63411	1
5797 SEOB0999	mannan-binding lectin-associated serine protease-2	X98400.1	1
5798 SEOA7500a	T cell-activating protein (HRF20)	M27909	1
5799 SEOA2846	ragB protein	X90530	1
5800 SEOA6443	mitochondrial F1Fo-ATPase synthase f subunit	AF047436	1
5801 hfcr0099	actinin, alpha 4 (H. sapiens) (LOC126227)	XM_059002.1	1
5802 fcrb2126	SH3 domain binding glutamic acid-rich protein (SH3BGR)	XM_049754.1	1
5803 hfcr5948	fetal liver cDNA library Homo sapiens cDNA	AI174701.1	1
5804 ncr7813	FSHD region gene 1 (RefSeq aa 7e-36)	NP_004468.1	1
5805 seoa8040	glycoprotein (transmembrane) nmb (GPNMB), mRNA /cds=(91,1773) /gb=NM_002510 /gi=4505404 /ug=Hs.82226 /len=2669	Hs#S1731822	1
5806 hfcr3425	apurinic/apyrimidinic endonuclease(APEX nuclease)-like 2 protein (APEXL2)	NM_014481.1	1
5807 SEOA8838	glutamine-fructose-6-phosphate transaminase 1 (GFPT1)	NM_002056.1	1

1	BFCN0001	61	BFCN0118	121	BFCN0229	181	BFCS0074	241	BFCS0302
2	BFCN0002	62	BFCN0119	122	BFCN0232	182	BFCS0077	242	BFCS0303
3	BFCN0003	63	BFCN0120	123	BFCN0233	183	BFCS0079	243	BFCS0309n
4	BFCN0005	64	BFCN0124	124	BFCN0235	184	BFCS0081	244	bfc0311
5	BFCN0006	65	bfcn0127n	125	BFCN0236	185	BFCS0082	245	BFCS0312n
6	BFCN0007	66	bfcn0128	126	bfcn0238n	186	BFCS0083	246	BFCS0313
7	BFCN0008	67	bfcn0130	127	BFCN0239	187	BFCS0088n	247	BFCS0314
8	BFCN0009	68	BFCN0133	128	BFCN0245	188	BFCS0089	248	BFCS0315n
9	BFCN0010	69	bfcn0134n	129	BFCN0246	189	BFCS0092	249	BFCS0316
10	BFCN0012	70	BFCN0135	130	BFCN0247	190	BFCS0093	250	BFCS0317
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12	BFCN0018	72	BFCN0138	132	BFCN0249	192	BFCS0195n	252	BFCS0320
13	BFCN0019	73	BFCN0139	133	BFCN0250	193	BFCS0196	253	BFCS0321
14	BFCN0021	74	bfcn0140n	134	BFCN0251	194	BFCS0198	254	BFCS0322
15	BFCN0024	75	BFCN0142	135	BFCN0252	195	BFCS0199	255	BFCS0324
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17	BFCN0029	77	BFCN0164	137	BFCN0254	197	BFCS0203	257	BFCS0330
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19	BFCN0034	79	BFCN0171	139	BFCN0256	199	BFCS0206n	259	BFCS0332
20	BFCN0038	80	BFCN0172	140	BFCN0259	200	BFCS0207n	260	BFCS0335
21	BFCN0039	81	BFCN0173	141	BFCN0261	201	BFCS0208n	261	BFCS0336
22	BFCN0040	82	BFCN0177	142	BFCN0265	202	BFCS0212	262	BFCS0337
23	BFCN0042	83	BFCN0178	143	BFCN0266	203	BFCS0214	263	BFCS0338
24	BFCN0045	84	BFCN0179	144	BFCN0267	204	BFCS0216	264	BFCS0342
25	BFCN0047	85	BFCN0180	145	BFCN0268	205	BFCS0219	265	BFCS0343
26	BFCN0048	86	BFCN0181	146	BFCN0270	206	BFCS0220	266	BFCS0345
27	bfcn0049	87	bfcn0182n	147	bfcn0271	207	BFCS0223	267	BFCS0346n
28	BFCN0050	88	BFCN0185n	148	BFCN0272	208	BFCS0228	268	BFCS0347n
29	BFCN0051	89	BFCN0186	149	BFCN0273	209	BFCS0229	269	BFCS0368
30	BFCN0053	90	bfcn0190n	150	bfcn0274	210	BFCS0231	270	BFCS0369
31	BFCN0055	91	BFCN0192	151	bfcn0485	211	BFCS0232	271	BFCS0371
32	bfcn0056nn	92	BFCN0194	152	BFCS0001	212	BFCS0233	272	BFCS0377
33	BFCN0059	93	BFCN0195	153	BFCS0003	213	BFCS0238	273	BFCS0379
34	BFCN0060	94	BFCN0196	154	BFCS0005	214	BFCS0239n	274	BFCS0384
35	BFCN0062	95	BFCN0197	155	BFCS0006	215	BFCS0241	275	BFCS0389
36	BFCN0065	96	bfcn0198nn	156	BFCS0007	216	BFCS0244	276	BFCS0390
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38	BFCN0072	98	BFCN0202n	158	BFCS0009	218	BFCS0257	278	bfc0392
39	bfcn0073n	99	BFCN0203	159	BFCS0014	219	BFCS0259	279	BFCS0393
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41	BFCN0079	101	BFCN0205	161	BFCS0022	221	BFCS0261	281	BFCS0398
42	BFCN0081	102	BFCN0206n	162	BFCS0024	222	BFCS0264	282	BFCS0399
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46	BFCN0090	106	BFCN0210	166	BFCS0037n	226	BFCS0270	286	BFCS0417
47	bfcn0092	107	BFCN0211	167	BFCS0038	227	BFCS0276	287	BFCS0420
48	BFCN0093	108	BFCN0213	168	bfc039nn	228	BFCS0277	288	BFCS0421n
49	BFCN0094	109	BFCN0214	169	BFCS0041	229	BFCS0280	289	BFCS0457
50	BFCN0096	110	bfcn0215nn	170	BFCS0042	230	BFCS0281	290	BFCS0462
51	BFCN0097	111	BFCN0216	171	BFCS0043	231	BFCS0283	291	BFCS0463
52	bfcn0098	112	bfcn0217n	172	BFCS0045	232	BFCS0284	292	BFCS0468n
53	BFCN0105	113	BFCN0219	173	BFCS0047n	233	BFCS0285	293	BFCS0469n
54	BFCN0109	114	BFCN0220	174	BFCS0048n	234	BFCS0286	294	BFCS0478
55	BFCN0112	115	BFCN0222	175	bfc0049	235	BFCS0289	295	BFCS0479
56	BFCN0113	116	bfcn0224n	176	BFCS0050	236	BFCS0292	296	BFCS0481
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58	BFCN0115	118	BFCN0226	178	BFCS0055	238	BFCS0297	298	BFCS0484
59	BFCN0116	119	BFCN0227	179	bfc0057n	239	BFCS0299	299	BFCS0485
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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 2 of 45

301	BFCS0489	361	BFCW0064n	421	BFCW0192	481	BFCW0304	541	BFCW0408
302	BFCS0491	362	BFCW0065	422	BFCW0194	482	BFCW0307	542	BFCW0409
303	BFCS0492	363	BFCW0067	423	BFCW0197	483	BFCW0310	543	BFCW0412
304	BFCS0493	364	BFCW0069n	424	BFCW0198	484	BFCW0311	544	BFCW0413n
305	BFCS0494	365	BFCW0071	425	BFCW0200	485	bfcw0312n	545	BFCW0414
306	BFCS0495	366	BFCW0072	426	BFCW0202n	486	BFCW0313	546	BFCW0415
307	BFCS0496	367	BFCW0073	427	BFCW0206n	487	bfcw0314n	547	BFCW0416
308	BFCS0498	368	BFCW0074	428	BFCW0207n	488	BFCW0316	548	bfcw0420
309	BFCS0500	369	BFCW0076	429	BFCW0209n	489	BFCW0317	549	BFCW0421
310	BFCS0501	370	BFCW0078	430	BFCW0210	490	BFCW0318	550	BFCW0422
311	BFCS0502	371	BFCW0079	431	BFCW0212	491	BFCW0319	551	BFCW0423
312	BFCS0503	372	BFCW0081	432	BFCW0215	492	BFCW0320	552	BFCW0424
313	BFCS0504	373	BFCW0083	433	BFCW0216	493	BFCW0323	553	BFCW0425
314	BFCS0508	374	BFCW0085	434	BFCW0217n	494	BFCW0325	554	BFCW0426
315	BFCS0509	375	BFCW0088	435	BFCW0218	495	BFCW0326	555	BFCW0429
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323	BFCS0524	383	BFCW0108	443	BFCW0230	503	BFCW0335n	563	BFCW0440
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328	BFCS0533	388	BFCW0115	448	BFCW0239	508	BFCW0341	568	BFCW0460
329	BFCS0535	389	BFCW0118	449	BFCW0240	509	BFCW0345n	569	BFCW0461
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331	BFCS0539	391	BFCW0133	451	BFCW0244	511	BFCW0352	571	BFCW0464n
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335	BFCS0547	395	BFCW0140	455	BFCW0250	515	BFCW0372	575	BFCW0476
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350	BFCW0023	410	BFCW0172	470	bfcw0281n	530	BFCW0395	590	BFCW0510
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353	BFCW0035	413	BFCW0179	473	BFCW0287	533	BFCW0398	593	BFCW0515
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355	BFCW0038	415	BFCW0183n	475	BFCW0289	535	BFCW0401	595	BFCW0517
356	BFCW0054	416	BFCW0184	476	BFCW0291	536	bfcw0402n	596	BFCW0518
357	BFCW0055	417	BFCW0186	477	BFCW0292n	537	BFCW0403	597	bfcw0519n
358	BFCW0056n	418	BFCW0188	478	BFCW0293	538	BFCW0404	598	BFCW0520
359	BFCW0060n	419	BFCW0189	479	BFCW0294	539	BFCW0406	599	BFCW0521
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603	BFCW0526	663	CR0024	723	CR0133	783	CR0286	843	CR0485
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605	BFCW0529	665	cr0026	725	CR0136	785	CR0290	845	CR0487
606	BFCW0530	666	cr0027	726	CR0138	786	CR0291	846	CR0488
607	BFCW0531	667	CR0028	727	CR0140	787	CR0292	847	CR0489
608	BFCW0532	668	CR0029	728	CR0143	788	CR0296	848	CR0490
609	BFCW0534	669	CR0030	729	CR0144	789	CR0297	849	CR0491
610	BFCW0535	670	CR0033	730	CR0145	790	CR0300	850	CR0494
611	BFCW0537	671	CR0038	731	CR0146	791	CR0302	851	CR0495
612	bfcw0539	672	CR0039	732	CR0163	792	CR0303	852	CR0496
613	bfcw0540n	673	CR0040	733	CR0167	793	cr0304	853	cr0499
614	BFCW0541	674	CR0042	734	CR0178	794	CR0305	854	CR0500
615	BFCW0542n	675	CR0043	735	CR0179	795	CR0307	855	CR0501
616	BFCW0543	676	CR0044	736	CR0180	796	CR0310	856	cr0503N
617	BFCW0546	677	cr0045	737	CR0183	797	CR0311	857	CR0504
618	BFCW0551n	678	CR0046	738	CR0184	798	CR0312	858	CR0505
619	BFCW0553	679	CR0050	739	CR0193	799	CR0323	859	cr0506
620	BFCW0554	680	CR0052	740	CR0196	800	CR0334	860	CR0508
621	BFCW0555	681	CR0054	741	CR0203	801	cr0337N	861	CR0515
622	BFCW0558	682	CR0055	742	cr0204	802	cr0346N	862	CR0516
623	BFCW0567n	683	cr0056N	743	CR0205	803	CR0348	863	cr0517
624	BFCW0568n	684	CR0057	744	CR0206	804	CR0351	864	CR0518
625	BFCW0569n	685	CR0060	745	CR0208	805	CR0354	865	CR0524
626	BFCW0570	686	CR0063	746	CR0209	806	CR0357	866	CR0525
627	BFCW0572n	687	CR0064	747	CR0215	807	CR0358	867	CR0526
628	BFCW0573	688	CR0065	748	CR0217	808	CR0359	868	CR0530
629	BFCW0574	689	CR0066	749	CR0219	809	cr0360N	869	CR0532
630	bfcw0576n	690	CR0067	750	cr0222N	810	CR0365	870	CR0533
631	bfcw0579	691	CR0068	751	CR0223	811	cr0366	871	CR0534
632	BFCW0583	692	CR0069	752	CR0228	812	CR0370	872	CR0535
633	BFCW0586	693	CR0070	753	CR0230	813	CR0373	873	CR0538
634	BFCW0587	694	cr0071n	754	CR0231	814	CR0389	874	cr0540N
635	BFCW0588	695	CR0072	755	CR0232	815	CR0394	875	CR0541
636	BFCW0589	696	CR0074	756	CR0233	816	CR0396	876	cr0542
637	BFCW0594	697	CR0076	757	CR0234	817	CR0397	877	CR0544
638	BFCW0596n	698	CR0077	758	CR0235	818	CR0408	878	CR0545
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640	BFCW0599	700	CR0079	760	CR0237	820	CR0414	880	CR0548
641	bfcw0601n	701	CR0082	761	CR0239	821	CR0423	881	CR0550
642	BFCW0604	702	CR0087	762	CR0240	822	CR0427	882	CR0553
643	BFCW0605	703	CR0088	763	cr0247n	823	CR0429	883	CR0554
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645	BFCW0608	705	CR0090	765	CR0251	825	CR0442	885	CR0556
646	BFCW0609	706	CR0093	766	CR0253	826	CR0444	886	CR0557
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648	CR0001	708	CR0108	768	CR0256	828	CR0452	888	CR0562
649	CR0002	709	CR0109	769	CR0270	829	CR0453	889	cr0563n
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651	CR0007	711	CR0112	771	CR0272	831	CR0465	891	CR0567
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654	CR0010	714	CR0117	774	CR0275	834	CR0471	894	CR0583
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657	CR0016	717	CR0120	777	CR0278	837	CR0477	897	CR0587
658	cr0018n	718	CR0121	778	CR0279	838	CR0480	898	CR0590
659	cr0019	719	CR0124	779	CR0280	839	CR0481	899	CR0591
660	CR0020	720	CR0125	780	CR0281	840	CR0482	900	CR0596

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 4 of 45

901	CR0599	961	cr0807n	1021	CR0922	1081	FCR0023	1141	FCR0136
902	CR0609	962	CR0808	1022	CR0923	1082	FCR0027	1142	FCR0138
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1216	FCR0240	1276	fc0329	1336	FCR0413	1396	FCR0502	1456	FCR0575N
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1221	FCR0247	1281	fc0336n	1341	FCR0419	1401	FCR0510	1461	FCR0584
1222	FCR0248	1282	FCR0338	1342	FCR0420	1402	FCR0511	1462	FCR0585
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1225	FCR0254	1285	FCR0342	1345	FCR0425	1405	fc0516nn	1465	FCR0588
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1252	FCR0292	1312	fc0378	1372	FCR0472	1432	FCR0551	1492	FCR0623
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1550	FCR0705	1610	FCR0798	1670	FCR0878	1730	FCR0990	1790	FCR1082
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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 7 of 45

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1821	FCR1134	1881	FCR1261	1941	FCR1349	2001	FCR1428	2061	FCR1510
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1823	FCR1138	1883	FCR1271	1943	FCR1352	2003	FCR1430	2063	FCR1512
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2106	FCR1605	2166	FCR1750	2226	FCR1857	2286	FCR1973	2346	FCR2052
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2109	FCR1611	2169	FCR1754	2229	FCR1860	2289	FCR1976	2349	FCR2055
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2115	FCR1623	2175	FCR1760	2235	FCR1885	2295	FCR1983	2355	FCR2069
2116	FCR1625	2176	fcr1761nn	2236	FCR1887	2296	FCR1984	2356	FCR2073
2117	FCR1626	2177	FCR1762	2237	FCR1891	2297	FCR1985	2357	FCR2074
2118	FCR1627	2178	FCR1763	2238	FCR1900N	2298	FCR1986	2358	FCR2075
2119	FCR1629	2179	FCR1764	2239	FCR1905	2299	FCR1987	2359	FCR2076
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2124	FCR1644	2184	FCR1772	2244	FCR1912	2304	FCR1993	2364	fcr2082n
2125	FCR1645	2185	FCR1774	2245	FCR1913	2305	FCR1994	2365	FCR2083
2126	FCR1646	2186	FCR1775	2246	FCR1914	2306	FCR1995	2366	FCR2088
2127	FCR1647	2187	FCR1776	2247	FCR1918	2307	FCR1997	2367	FCR2089
2128	FCR1651	2188	FCR1777	2248	FCR1919	2308	FCR1998	2368	FCR2090N
2129	FCR1652	2189	FCR1779	2249	FCR1921	2309	FCR1999	2369	FCR2092
2130	FCR1653	2190	fcr1780	2250	FCR1922	2310	FCR2000	2370	FCR2093N
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2132	FCR1655	2192	FCR1782	2252	FCR1926	2312	FCR2003	2372	FCR2096
2133	FCR1656N	2193	FCR1783	2253	FCR1927	2313	FCR2005N	2373	FCR2097N
2134	FCR1657	2194	FCR1784N	2254	fcr1928n	2314	FCR2006	2374	FCR2099
2135	FCR1658	2195	FCR1786	2255	FCR1929	2315	FCR2007	2375	FCR2102
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2143	FCR1717	2203	FCR1818	2263	FCR1941	2323	fcr2017nn	2383	FCR2113
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2153	FCR1735	2213	FCR1832	2273	FCR1955	2333	FCR2037	2393	FCR2123
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2155	FCR1737	2215	FCR1836	2275	FCR1959	2335	FCR2039	2395	FCR2125
2156	FCR1738N	2216	FCR1837N	2276	fcr1960nn	2336	FCR2040	2396	FCR2126
2157	FCR1740	2217	FCR1838	2277	FCR1961	2337	FCR2041	2397	FCR2127
2158	FCR1741	2218	FCR1839N	2278	FCR1963	2338	FCR2042	2398	FCR2128
2159	FCR1742	2219	fcr1840nn	2279	FCR1964	2339	FCR2043	2399	FCR2129
2160	fcr1743nn	2220	FCR1844	2280	fcr1965	2340	FCR2044	2400	FCR2130

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2401	FCR2131	2461	FCR2227	2521	FCR2308	2581	FCR2437	2641	FCR2580
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2404	FCR2135	2464	FCR2230	2524	FCR2312	2584	FCR2444	2644	FCR2585
2405	FCR2136	2465	FCR2231	2525	FCR2313N	2585	FCR2445	2645	FCR2587
2406	for2137n	2466	FCR2233	2526	FCR2314	2586	FCR2447	2646	for2588n
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2417	FCR2149	2477	for2249nn	2537	FCR2329	2597	FCR2482	2657	FCR2608
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2423	FCR2160	2483	for2264nn	2543	FCR2335	2603	FCR2492N	2663	FCR2619
2424	FCR2161	2484	FCR2265	2544	FCR2336	2604	FCR2493	2664	FCR2620
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2426	FCR2165	2486	FCR2267	2546	FCR2338	2606	for2495nn	2666	for2622n
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2428	FCR2167	2488	FCR2269	2548	FCR2340	2608	FCR2499	2668	for2625n
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2430	FCR2172	2490	FCR2274	2550	FCR2342	2610	FCR2501	2670	FCR2627
2431	FCR2174N	2491	FCR2275	2551	FCR2343	2611	FCR2503	2671	FCR2628
2432	FCR2175	2492	FCR2276	2552	FCR2345	2612	FCR2504	2672	FCR2629
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2449	FCR2201	2509	FCR2294	2569	FCR2417	2629	FCR2541	2689	FCR2665
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2451	FCR2203	2511	FCR2296	2571	FCR2419	2631	FCR2543	2691	FCR2669
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2455	FCR2210	2515	FCR2301	2575	FCR2425	2635	for2556n	2695	FCR2679
2456	FCR2215	2516	for2302n	2576	FCR2427	2636	FCR2562	2696	FCR2681
2457	FCR2216	2517	FCR2303	2577	FCR2430	2637	FCR2569	2697	FCR2682N
2458	FCR2218	2518	FCR2304N	2578	FCR2432N	2638	for2571n	2698	FCR2683
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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 10 of 45

2701	FCR2686	2761	FCR2801	2821	FCR2923	2881	FCR3020	2941	FCR3104
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2703	FCR2688	2763	FCR2806	2823	FCR2929	2883	FCR3022	2943	fcr3108
2704	FCR2689	2764	FCR2807	2824	FCR2935	2884	FCR3023	2944	fcr3109
2705	FCR2692	2765	FCR2809	2825	FCR2937	2885	FCR3024N	2945	fcr3110
2706	FCR2694	2766	FCR2810	2826	fcr2938n	2886	FCR3025	2946	fcr3111
2707	FCR2698	2767	FCR2812	2827	FCR2939N	2887	FCR3029	2947	FCR3112
2708	FCR2700	2768	FCR2813	2828	FCR2940	2888	FCR3030	2948	FCR3113
2709	FCR2702	2769	FCR2814N	2829	FCR2941	2889	FCR3032	2949	fcr3114
2710	FCR2704	2770	fcr2815nn	2830	FCR2946	2890	FCR3033	2950	FCR3115N
2711	fcr2707nn	2771	FCR2817	2831	FCR2947	2891	FCR3034	2951	fcr3117
2712	FCR2711	2772	FCR2818	2832	FCR2949	2892	FCR3035	2952	FCR3118
2713	FCR2712	2773	FCR2821	2833	FCR2950	2893	FCR3037N	2953	FCR3119
2714	FCR2714	2774	FCR2822	2834	FCR2951	2894	fcr3038	2954	FCR3121
2715	FCR2716	2775	FCR2823	2835	FCR2952	2895	FCR3039	2955	FCR3122
2716	FCR2718	2776	FCR2824	2836	FCR2953	2896	FCR3042	2956	fcr3124n
2717	FCR2719	2777	FCR2836	2837	FCR2955	2897	FCR3043	2957	FCR3125
2718	FCR2720	2778	FCR2838	2838	FCR2957	2898	FCR3045	2958	FCR3126
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2720	FCR2722	2780	FCR2841	2840	FCR2959	2900	FCR3047	2960	fcr3133
2721	FCR2724	2781	FCR2842N	2841	FCR2960	2901	FCR3049	2961	FCR3134N
2722	FCR2726	2782	FCR2848N	2842	FCR2961	2902	FCR3050	2962	fcr3138
2723	FCR2727	2783	FCR2853N	2843	FCR2962	2903	FCR3051	2963	FCR3139
2724	FCR2729	2784	FCR2859	2844	FCR2963	2904	FCR3052N	2964	fcr3140
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2727	FCR2737	2787	FCR2864	2847	FCR2968	2907	FCR3056	2967	FCR3143
2728	FCR2738	2788	FCR2867	2848	FCR2969	2908	FCR3057	2968	fcr3144
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2758	FCR2782	2818	FCR2918	2878	FCR3016	2938	FCR3100	2998	FCR3189
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2760	FCR2798	2820	FCR2921	2880	FCR3019	2940	FCR3102	3000	FCR3199



Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 11 of 45

3001	FCR3200	3061	FCR3384	3121	FCR3508	3181	FCR3603	3241	for3711N
3002	FCR3201	3062	FCR3386	3122	for3509n	3182	FCR3608	3242	FCR3712
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3005	FCR3254	3065	for3392n	3125	FCR3514	3185	FCR3615	3245	FCR3715
3006	for3256	3066	FCR3396	3126	FCR3518	3186	FCR3617	3246	FCR3716
3007	FCR3259	3067	FCR3397	3127	for3522n	3187	FCR3618	3247	FCR3717
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3012	FCR3270	3072	FCR3402	3132	for3534n	3192	FCR3624	3252	FCR3724
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3014	FCR3272	3074	FCR3416	3134	FCR3536	3194	FCR3629	3254	for3726n
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3016	FCR3275	3076	for3422	3136	FCR3539	3196	for3633	3256	FCR3728
3017	FCR3276	3077	FCR3424	3137	FCR3540	3197	for3635n	3257	FCR3729
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3307	fcr3806n	3367	FCR3909	3427	FCR4018	3487	fcr4114n	3547	FCR4238
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3311	FCR3813	3371	fcr3913n	3431	FCR4022	3491	FCR4125	3551	FCR4246
3312	fcr3815N	3372	fcr3914n	3432	FCR4024	3492	FCR4127N	3552	fcr4259
3313	FCR3816	3373	FCR3915	3433	FCR4026	3493	FCR4128	3553	FCR4260
3314	fcr3817n	3374	FCR3916N	3434	FCR4027	3494	FCR4129	3554	FCR4264
3315	FCR3818	3375	FCR3918	3435	FCR4029	3495	FCR4131	3555	FCR4266
3316	FCR3819	3376	FCR3919N	3436	FCR4030	3496	FCR4134	3556	FCR4271
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3353	FCR3883	3413	fcr3988n	3473	FCR4092	3533	FCR4214	3593	FCR4334
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3642	FCR4406	3702	FCR4566	3762	FCR4655	3822	FCR4753	3882	FCR4832
3643	FCR4409	3703	FCR4568	3763	fc4656	3823	FCR4754	3883	FCR4833
3644	FCR4410	3704	FCR4569	3764	FCR4660	3824	FCR4755	3884	FCR4834
3645	FCR4411	3705	FCR4570	3765	FCR4661	3825	FCR4758	3885	FCR4836
3646	FCR4412	3706	FCR4573	3766	fc4665	3826	FCR4759	3886	FCR4838
3647	FCR4413	3707	FCR4574	3767	FCR4667	3827	FCR4760	3887	FCR4839
3648	FCR4414	3708	FCR4575	3768	FCR4669	3828	fc4761	3888	FCR4840
3649	FCR4415	3709	FCR4576	3769	fc4670	3829	FCR4762	3889	FCR4842
3650	FCR4416	3710	FCR4577	3770	fc4671	3830	FCR4763	3890	FCR4843
3651	FCR4417	3711	FCR4578	3771	fc4673	3831	FCR4764	3891	fc4844n
3652	FCR4419	3712	FCR4579	3772	FCR4674	3832	FCR4765	3892	FCR4845
3653	FCR4432	3713	FCR4582	3773	FCR4675	3833	FCR4766	3893	FCR4846
3654	FCR4433	3714	FCR4583	3774	FCR4676	3834	FCR4767	3894	FCR4848
3655	FCR4434	3715	FCR4584	3775	FCR4677	3835	FCR4768	3895	FCR4849
3656	FCR4435	3716	FCR4589	3776	fc4678n	3836	FCR4769	3896	FCR4850
3657	FCR4436	3717	FCR4592	3777	FCR4679	3837	FCR4770	3897	FCR4851
3658	FCR4437	3718	FCR4594	3778	FCR4680	3838	FCR4771	3898	FCR4852
3659	FCR4438	3719	FCR4595	3779	FCR4681	3839	FCR4772	3899	FCR4853
3660	FCR4440	3720	FCR4596	3780	FCR4682	3840	FCR4773	3900	FCR4854

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 14 of 45

3901	FCR4856	3961	FCR4930	4021	FCR5015	4081	FCR5112	4141	FCR5199
3902	FCR4857	3962	FCR4931	4022	FCR5016	4082	FCR5113	4142	FCR5200
3903	FCR4858	3963	FCR4932	4023	fcf5017	4083	FCR5115	4143	FCR5201
3904	FCR4860	3964	FCR4934	4024	FCR5019	4084	FCR5116	4144	FCR5203
3905	FCR4861	3965	fcf4935	4025	FCR5020	4085	FCR5117	4145	FCR5204
3906	FCR4862	3966	fcf4936n	4026	FCR5021	4086	FCR5119	4146	FCR5207
3907	FCR4863	3967	FCR4937	4027	FCR5023	4087	fcf5120n	4147	FCR5208
3908	FCR4864	3968	FCR4938	4028	FCR5024	4088	FCR5121	4148	FCR5209
3909	FCR4865	3969	FCR4941	4029	FCR5025	4089	FCR5123	4149	FCR5211
3910	FCR4866	3970	fcf4942	4030	FCR5026	4090	FCR5124	4150	FCR5212
3911	FCR4867	3971	fcf4942r	4031	FCR5027	4091	FCR5125	4151	FCR5213
3912	FCR4868	3972	fcf4943	4032	FCR5029	4092	FCR5126	4152	FCR5214
3913	FCR4869	3973	fcf4944	4033	fcf5031	4093	FCR5127	4153	FCR5216
3914	FCR4870	3974	FCR4945	4034	FCR5032	4094	fcf5129	4154	FCR5217
3915	FCR4871	3975	FCR4946	4035	FCR5033	4095	FCR5131	4155	FCR5218
3916	FCR4872	3976	fcf4947	4036	FCR5035	4096	fcf5132	4156	FCR5220
3917	FCR4873	3977	FCR4948	4037	FCR5040	4097	FCR5133	4157	FCR5221
3918	fcf4874n	3978	FCR4949	4038	FCR5045	4098	FCR5136	4158	FCR5222
3919	FCR4875	3979	FCR4950	4039	FCR5047	4099	FCR5137	4159	FCR5223
3920	FCR4876	3980	FCR4951	4040	FCR5048	4100	FCR5138	4160	fcf5224n
3921	FCR4877	3981	FCR4952	4041	FCR5050	4101	fcf5139n	4161	FCR5226
3922	FCR4878	3982	FCR4953	4042	fcf5055	4102	fcf5140	4162	FCR5228
3923	FCR4879	3983	FCR4954	4043	FCR5056	4103	FCR5141	4163	FCR5229
3924	FCR4880	3984	FCR4955	4044	FCR5057	4104	FCR5144	4164	fcf5231n
3925	FCR4881	3985	FCR4956	4045	FCR5058	4105	FCR5145	4165	FCR5245
3926	FCR4884	3986	FCR4957	4046	FCR5059	4106	FCR5149	4166	FCR5246
3927	FCR4885	3987	FCR4958	4047	FCR5063	4107	fcf5150n	4167	FCR5247
3928	FCR4886	3988	FCR4959	4048	FCR5064	4108	FCR5151	4168	FCR5250
3929	FCR4888	3989	FCR4961	4049	FCR5065	4109	FCR5152	4169	FCR5251
3930	FCR4889	3990	FCR4965	4050	FCR5066	4110	fcf5153n	4170	FCR5257
3931	FCR4890	3991	FCR4966	4051	FCR5067	4111	FCR5154	4171	FCR5259
3932	FCR4891	3992	FCR4967	4052	FCR5068	4112	FCR5155	4172	FCR5261
3933	FCR4892	3993	fcf4968	4053	fcf5071	4113	FCR5156	4173	FCR5262
3934	fcf4893	3994	FCR4970	4054	FCR5072	4114	FCR5157	4174	FCR5263
3935	FCR4895	3995	FCR4971	4055	FCR5073	4115	FCR5158	4175	fcf5266n
3936	FCR4896	3996	FCR4974	4056	FCR5074	4116	FCR5160	4176	FCR5267
3937	FCR4897	3997	fcf4976n	4057	FCR5075	4117	FCR5161	4177	FCR5268
3938	FCR4898	3998	FCR4978	4058	FCR5076	4118	FCR5163	4178	fcf5270n
3939	FCR4899	3999	FCR4979	4059	FCR5077	4119	FCR5165	4179	FCR5271
3940	FCR4900	4000	FCR4980	4060	FCR5080	4120	FCR5167	4180	FCR5272
3941	FCR4901	4001	FCR4981	4061	FCR5081	4121	FCR5168	4181	FCR5273
3942	FCR4902	4002	FCR4982	4062	FCR5082	4122	FCR5169	4182	FCR5281
3943	FCR4903	4003	FCR4983	4063	FCR5083	4123	FCR5170	4183	FCR5282
3944	FCR4904	4004	FCR4984	4064	FCR5084	4124	fcf5171	4184	FCR5283
3945	FCR4906	4005	FCR4985	4065	FCR5085	4125	FCR5175	4185	FCR5284
3946	FCR4907	4006	FCR4988	4066	FCR5087	4126	FCR5176	4186	fcf5285n
3947	FCR4909	4007	fcf4991	4067	FCR5088	4127	FCR5179	4187	FCR5286
3948	FCR4911	4008	fcf4992n	4068	FCR5090	4128	FCR5180	4188	FCR5288
3949	FCR4913	4009	FCR4996	4069	FCR5091	4129	FCR5181	4189	FCR5289
3950	FCR4914	4010	FCR4997	4070	FCR5092	4130	FCR5182	4190	FCR5291
3951	FCR4915	4011	FCR4999	4071	FCR5093	4131	FCR5183	4191	fcf5292
3952	FCR4916	4012	FCR5000	4072	FCR5096	4132	FCR5188	4192	fcf5293n
3953	FCR4920	4013	FCR5002	4073	FCR5098	4133	FCR5189	4193	FCR5297
3954	FCR4921	4014	FCR5004	4074	FCR5099	4134	FCR5190	4194	FCR5301
3955	FCR4922	4015	FCR5006	4075	FCR5100	4135	FCR5191	4195	fcf5315
3956	FCR4924	4016	FCR5007	4076	fcf5101	4136	FCR5192	4196	FCR5316
3957	FCR4925	4017	FCR5008	4077	fcf5105	4137	FCR5193	4197	FCR5317
3958	FCR4926	4018	FCR5009	4078	fcf5107	4138	FCR5194	4198	FCR5318
3959	FCR4927	4019	fcf5011	4079	FCR5108	4139	FCR5196	4199	FCR5320
3960	FCR4928	4020	FCR5014	4080	FCR5111	4140	FCR5198	4200	FCR5322

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4201	for5323n	4261	FCR5418	4321	FCR5517	4381	FCR5650	4441	FCR5749
4202	FCR5324	4262	FCR5420	4322	FCR5518	4382	FCR5652	4442	FCR5750
4203	FCR5326	4263	FCR5421	4323	FCR5519	4383	for5653	4443	FCR5751
4204	FCR5327	4264	FCR5422	4324	FCR5522	4384	for5653nr	4444	for5752
4205	for5328n	4265	for5425	4325	FCR5523	4385	FCR5654	4445	FCR5753
4206	FCR5329	4266	FCR5426	4326	FCR5524	4386	for5659n	4446	FCR5755
4207	FCR5330	4267	FCR5427	4327	FCR5525	4387	FCR5660	4447	FCR5756
4208	FCR5331	4268	for5428	4328	FCR5529	4388	FCR5661	4448	FCR5758
4209	FCR5332	4269	for5431	4329	FCR5530	4389	FCR5663	4449	FCR5759
4210	FCR5333	4270	FCR5436	4330	FCR5532	4390	FCR5664	4450	FCR5760
4211	FCR5334	4271	FCR5437	4331	FCR5533	4391	FCR5665	4451	FCR5761
4212	FCR5336	4272	FCR5438	4332	FCR5534	4392	FCR5668	4452	FCR5762
4213	FCR5337	4273	FCR5440	4333	FCR5536	4393	FCR5669	4453	FCR5763
4214	FCR5338	4274	FCR5442	4334	FCR5537	4394	FCR5670	4454	FCR5764
4215	FCR5339	4275	FCR5443	4335	FCR5539	4395	for5672	4455	FCR5766
4216	FCR5340	4276	for5445	4336	FCR5541	4396	FCR5675	4456	FCR5767
4217	FCR5342	4277	for5446n	4337	FCR5543	4397	FCR5677	4457	for5769
4218	FCR5343	4278	FCR5447	4338	FCR5559	4398	FCR5679	4458	FCR5770
4219	for5344	4279	for5448n	4339	FCR5560	4399	for5680	4459	FCR5771
4220	FCR5345	4280	for5449	4340	for5561	4400	FCR5681	4460	for5774n
4221	FCR5347	4281	FCR5453	4341	for5563	4401	FCR5683	4461	FCR5775
4222	FCR5348	4282	FCR5455	4342	FCR5571	4402	FCR5685	4462	FCR5777
4223	FCR5349	4283	FCR5456	4343	FCR5572	4403	for5686n	4463	FCR5778
4224	FCR5350	4284	FCR5460	4344	FCR5574	4404	FCR5687	4464	FCR5779
4225	FCR5351	4285	for5461	4345	FCR5575	4405	FCR5689	4465	for5780
4226	for5353	4286	FCR5462	4346	FCR5579	4406	for5690n	4466	FCR5786
4227	FCR5354	4287	for5463	4347	FCR5580	4407	FCR5699	4467	FCR5788
4228	FCR5355	4288	for5464	4348	FCR5581	4408	FCR5701	4468	for5789
4229	for5358	4289	for5467	4349	FCR5582	4409	FCR5702	4469	FCR5790
4230	FCR5359	4290	FCR5468	4350	FCR5584	4410	FCR5703	4470	FCR5791
4231	FCR5360	4291	FCR5469	4351	FCR5585	4411	FCR5704	4471	FCR5792
4232	FCR5362	4292	FCR5470	4352	FCR5586	4412	FCR5707	4472	FCR5793
4233	FCR5363	4293	FCR5471	4353	FCR5587	4413	FCR5708	4473	FCR5794
4234	FCR5365	4294	FCR5472	4354	FCR5589	4414	for5710	4474	FCR5795
4235	FCR5366	4295	FCR5474	4355	for5591	4415	FCR5711	4475	FCR5796
4236	FCR5369	4296	for5475	4356	FCR5594	4416	FCR5712	4476	FCR5797
4237	FCR5371	4297	for5476	4357	FCR5595	4417	FCR5713	4477	FCR5798
4238	FCR5373	4298	FCR5477	4358	FCR5596	4418	FCR5714	4478	FCR5799
4239	FCR5374	4299	FCR5478	4359	for5612	4419	FCR5715	4479	FCR5800
4240	FCR5376	4300	FCR5479	4360	for5615	4420	FCR5716	4480	FCR5801
4241	FCR5378	4301	for5481	4361	for5615r	4421	FCR5717	4481	FCR5802
4242	FCR5380	4302	FCR5482	4362	FCR5617	4422	FCR5719	4482	FCR5803
4243	for5381n	4303	FCR5483	4363	FCR5618	4423	FCR5720	4483	FCR5804
4244	FCR5382	4304	for5484	4364	FCR5619	4424	FCR5721	4484	FCR5805
4245	FCR5384	4305	FCR5486	4365	FCR5620	4425	FCR5722	4485	FCR5807
4246	for5387n	4306	for5488	4366	for5621	4426	FCR5723	4486	FCR5808
4247	FCR5391	4307	for5489	4367	FCR5622	4427	FCR5724	4487	FCR5809
4248	FCR5392	4308	FCR5490	4368	FCR5623	4428	FCR5725	4488	FCR5810
4249	FCR5393	4309	FCR5498	4369	FCR5624	4429	FCR5727	4489	FCR5811
4250	FCR5394	4310	for5499	4370	for5625	4430	FCR5728	4490	FCR5812
4251	for5406n	4311	FCR5503	4371	FCR5627	4431	FCR5730	4491	FCR5813
4252	FCR5407	4312	FCR5505	4372	FCR5628	4432	for5731	4492	FCR5814
4253	FCR5408	4313	FCR5507	4373	FCR5629	4433	for5733	4493	FCR5817
4254	FCR5409	4314	FCR5508	4374	FCR5630	4434	for5734	4494	FCR5818
4255	FCR5410	4315	FCR5509	4375	FCR5634	4435	for5736	4495	for5819
4256	FCR5412	4316	for5510	4376	FCR5639	4436	FCR5743	4496	FCR5822
4257	for5414	4317	FCR5511	4377	for5640	4437	FCR5744	4497	FCR5823
4258	FCR5415	4318	FCR5513	4378	FCR5642	4438	FCR5746	4498	for5824
4259	FCR5416	4319	FCR5515	4379	FCR5645	4439	FCR5747	4499	for5825
4260	FCR5417	4320	FCR5516	4380	FCR5648	4440	FCR5748	4500	FCR5827

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 16 of 45

4501	FCR5831	4561	for5918	4621	FCR6005	4681	FCR6107	4741	FCR6197
4502	FCR5833	4562	FCR5919	4622	FCR6007	4682	FCR6108	4742	for6198
4503	FCR5834	4563	FCR5920	4623	FCR6008	4683	FCR6109	4743	FCR6201
4504	FCR5835	4564	FCR5921	4624	for6010	4684	FCR6116	4744	FCR6202
4505	for5836	4565	FCR5922	4625	for6011n	4685	FCR6117	4745	FCR6205
4506	FCR5837	4566	FCR5925	4626	for6013	4686	FCR6118	4746	FCR6206
4507	FCR5838	4567	FCR5926	4627	for6014	4687	FCR6119	4747	FCR6207
4508	for5842	4568	for5927n	4628	for6015	4688	FCR6122	4748	FCR6208
4509	FCR5843	4569	FCR5928	4629	FCR6016	4689	for6124n	4749	FCR6209
4510	FCR5844	4570	for5929n	4630	FCR6017	4690	for6125	4750	FCR6210
4511	FCR5846	4571	FCR5930	4631	FCR6018	4691	for6128	4751	FCR6211
4512	FCR5847	4572	for5931	4632	FCR6019	4692	FCR6129	4752	for6212
4513	FCR5848	4573	for5932n	4633	FCR6022	4693	FCR6131	4753	FCR6213
4514	FCR5850	4574	FCR5935	4634	FCR6023	4694	for6132	4754	for6217
4515	FCR5851	4575	for5936n	4635	FCR6025	4695	for6135	4755	for6218n
4516	FCR5852	4576	FCR5937	4636	FCR6026	4696	FCR6136	4756	FCR6219
4517	FCR5854	4577	FCR5938	4637	FCR6027	4697	FCR6137	4757	FCR6220
4518	FCR5856	4578	FCR5940	4638	FCR6028	4698	for6138	4758	FCR6221
4519	FCR5857	4579	FCR5941	4639	FCR6031	4699	FCR6139	4759	FCR6224
4520	FCR5858	4580	FCR5942	4640	FCR6032	4700	FCR6140	4760	FCR6225
4521	for5859n	4581	FCR5943	4641	FCR6034	4701	FCR6141	4761	FCR6227
4522	FCR5860	4582	FCR5944	4642	FCR6035	4702	FCR6142	4762	FCR6228
4523	FCR5861	4583	FCR5945	4643	for6036n	4703	FCR6143	4763	FCR6229
4524	FCR5862	4584	FCR5946	4644	FCR6038	4704	FCR6144	4764	FCR6230
4525	FCR5863	4585	FCR5949	4645	FCR6039	4705	FCR6145	4765	FCR6231
4526	FCR5865	4586	FCR5950	4646	for6041n	4706	FCR6146	4766	FCR6232
4527	FCR5866	4587	FCR5951	4647	for6042	4707	FCR6147	4767	FCR6234
4528	for5867	4588	FCR5952	4648	for6043n	4708	FCR6150	4768	FCR6235
4529	FCR5870	4589	for5955	4649	FCR6044	4709	FCR6151	4769	FCR6237
4530	FCR5871	4590	for5956	4650	for6045	4710	FCR6152	4770	FCR6240
4531	for5872	4591	FCR5958	4651	FCR6047	4711	FCR6157	4771	FCR6241
4532	FCR5875	4592	FCR5959	4652	FCR6050	4712	FCR6158	4772	for6242
4533	for5877	4593	FCR5961	4653	FCR6054	4713	FCR6160	4773	FCR6243
4534	FCR5879	4594	FCR5964	4654	FCR6055	4714	FCR6161	4774	FCR6245
4535	FCR5880	4595	FCR5966	4655	FCR6057	4715	for6162	4775	FCR6246
4536	FCR5881	4596	FCR5967	4656	FCR6058	4716	FCR6163	4776	FCR6252
4537	FCR5883	4597	FCR5969	4657	FCR6060	4717	FCR6168	4777	for6254
4538	for5884	4598	FCR5971	4658	FCR6062	4718	FCR6169	4778	FCR6255
4539	FCR5885	4599	FCR5972	4659	FCR6064	4719	FCR6170	4779	FCR6256
4540	for5886	4600	FCR5973	4660	FCR6065	4720	FCR6171	4780	FCR6257
4541	FCR5887	4601	FCR5975	4661	FCR6066	4721	FCR6172	4781	FCR6258
4542	FCR5889	4602	for5976	4662	FCR6067	4722	FCR6174	4782	FCR6259
4543	FCR5890	4603	FCR5978	4663	FCR6068	4723	FCR6175	4783	FCR6262
4544	FCR5894	4604	FCR5980	4664	FCR6069	4724	FCR6176	4784	FCR6263
4545	FCR5895	4605	for5981	4665	FCR6074	4725	FCR6178	4785	FCR6264
4546	FCR5897	4606	FCR5982	4666	FCR6076	4726	FCR6179	4786	FCR6266
4547	FCR5898	4607	for5983n	4667	FCR6077	4727	FCR6180	4787	FCR6268
4548	FCR5900	4608	FCR5986	4668	FCR6079	4728	FCR6181	4788	FCR6269
4549	FCR5901	4609	FCR5987	4669	FCR6080	4729	for6182	4789	FCR6272
4550	for5902	4610	FCR5989	4670	FCR6085	4730	FCR6183	4790	FCR6273
4551	FCR5903	4611	for5990n	4671	FCR6086	4731	FCR6184	4791	FCR6274
4552	for5904n	4612	for5991	4672	FCR6088	4732	FCR6185	4792	FCR6275
4553	FCR5905	4613	FCR5992	4673	FCR6090	4733	FCR6186	4793	FCR6276
4554	for5909	4614	FCR5995	4674	FCR6091	4734	FCR6187	4794	FCR6277
4555	FCR5910	4615	FCR5996	4675	FCR6092	4735	FCR6188	4795	FCR6279
4556	FCR5911	4616	FCR5998	4676	FCR6096	4736	FCR6189	4796	for6281
4557	for5912	4617	FCR5999	4677	FCR6102	4737	FCR6192	4797	FCR6282
4558	FCR5915	4618	for6002	4678	FCR6103	4738	FCR6193	4798	FCR6284
4559	FCR5916	4619	for6003	4679	FCR6104	4739	FCR6194	4799	FCR6285
4560	for5917	4620	FCR6004	4680	FCR6106	4740	FCR6195	4800	FCR6286

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 17 of 45

4801	FCR6288	4861	FCR6399	4921	FCR6483	4981	FCR6562	5041	FCR6667
4802	fc6291n	4862	FCR6400	4922	FCR6484	4982	FCR6564	5042	FCR6669
4803	FCR6292	4863	FCR6401	4923	FCR6485	4983	FCR6565	5043	FCR6670
4804	FCR6295	4864	FCR6402	4924	FCR6486	4984	FCR6566	5044	FCR6683
4805	fc6296	4865	FCR6403	4925	fc6487	4985	FCR6568	5045	fc6687
4806	FCR6299	4866	FCR6404	4926	fc6488	4986	FCR6571	5046	FCR6688
4807	FCR6301	4867	FCR6407	4927	FCR6489	4987	FCR6573	5047	FCR6689
4808	FCR6303	4868	FCR6408	4928	FCR6491	4988	fc6574	5048	FCR6690
4809	FCR6307	4869	FCR6409	4929	fc6492	4989	FCR6576	5049	FCR6691
4810	fc6308	4870	FCR6410	4930	FCR6493	4990	FCR6577	5050	FCR6692
4811	FCR6309	4871	FCR6411	4931	FCR6494	4991	FCR6578	5051	FCR6693
4812	fc6310	4872	FCR6412	4932	FCR6495	4992	FCR6579	5052	FCR6696
4813	FCR6312	4873	FCR6413	4933	FCR6497	4993	FCR6580	5053	FCR6697
4814	FCR6314	4874	FCR6414	4934	FCR6498	4994	FCR6581	5054	FCR6698
4815	FCR6317	4875	FCR6415	4935	FCR6499	4995	FCR6582	5055	FCR6700
4816	FCR6319	4876	FCR6416	4936	FCR6502	4996	fc6583	5056	FCR6701
4817	FCR6321	4877	FCR6418	4937	FCR6503	4997	FCR6584	5057	FCR6702
4818	FCR6322	4878	FCR6419	4938	FCR6505	4998	FCR6585	5058	FCR6703
4819	FCR6323	4879	FCR6420	4939	fc6506	4999	FCR6586	5059	FCR6704
4820	FCR6324	4880	FCR6421	4940	fc6507	5000	FCR6587	5060	fc6707n
4821	FCR6325	4881	FCR6422	4941	FCR6508	5001	FCR6589	5061	fc6708
4822	FCR6326	4882	FCR6423	4942	fc6509	5002	FCR6592	5062	FCR6709
4823	FCR6327	4883	fc6424	4943	FCR6511	5003	FCR6593	5063	FCR6710
4824	FCR6328	4884	FCR6425	4944	fc6512	5004	FCR6596	5064	FCR6712
4825	FCR6329	4885	FCR6426	4945	FCR6513	5005	FCR6597	5065	fc6713n
4826	FCR6330	4886	FCR6427	4946	FCR6514	5006	fc6606	5066	FCR6714
4827	FCR6331	4887	FCR6428	4947	FCR6517	5007	FCR6607	5067	FCR6723
4828	FCR6332	4888	FCR6429	4948	FCR6521	5008	fc6608	5068	FCR6725
4829	FCR6333	4889	FCR6431	4949	FCR6522	5009	FCR6610	5069	FCR6730
4830	FCR6334	4890	FCR6432	4950	FCR6523	5010	FCR6611	5070	FCR6733
4831	FCR6335	4891	FCR6433	4951	FCR6524	5011	FCR6616	5071	FCR6735
4832	FCR6336	4892	FCR6434	4952	FCR6525	5012	FCR6617	5072	FCR6737
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4834	fc6344n	4894	FCR6437	4954	FCR6528	5014	FCR6619	5074	FCR6739
4835	FCR6345	4895	FCR6439	4955	FCR6529	5015	FCR6620	5075	FCR6740
4836	FCR6350	4896	FCR6442	4956	FCR6530	5016	FCR6621	5076	FCR6744
4837	fc6351n	4897	FCR6443	4957	FCR6531	5017	FCR6622	5077	FCR6746
4838	FCR6352	4898	FCR6449	4958	FCR6532	5018	FCR6623	5078	FCR6747
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4840	FCR6360	4900	fc6452	4960	FCR6534	5020	FCR6627	5080	FCR6751
4841	FCR6361	4901	FCR6455	4961	FCR6536	5021	FCR6628	5081	fc6752n
4842	FCR6362	4902	FCR6457	4962	fc6537n	5022	FCR6629	5082	FCR6753
4843	FCR6363	4903	FCR6459	4963	FCR6538	5023	FCR6630	5083	FCR6754
4844	FCR6367	4904	FCR6460	4964	FCR6539	5024	FCR6631	5084	FCR6756
4845	FCR6369	4905	FCR6461	4965	FCR6541	5025	FCR6633	5085	FCR6757
4846	FCR6375	4906	FCR6462	4966	FCR6543	5026	FCR6634	5086	FCR6759
4847	fc6376	4907	FCR6463	4967	FCR6546	5027	FCR6635	5087	FCR6760
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4850	FCR6382	4910	FCR6466	4970	FCR6549	5030	fc6639	5090	FCR6773
4851	FCR6383	4911	FCR6467	4971	FCR6550	5031	fc6640	5091	FCR6774
4852	fc6385	4912	FCR6468	4972	FCR6551	5032	fc6641	5092	FCR6775
4853	FCR6386	4913	FCR6469	4973	fc6552n	5033	FCR6651	5093	FCR6776
4854	FCR6389	4914	FCR6471	4974	FCR6553	5034	FCR6657	5094	FCR6778
4855	FCR6390	4915	FCR6472	4975	FCR6554	5035	FCR6658	5095	FCR6784
4856	FCR6393	4916	FCR6476	4976	FCR6555	5036	FCR6660	5096	FCR6785
4857	FCR6394	4917	FCR6478	4977	FCR6556	5037	FCR6662	5097	FCR6788
4858	FCR6395	4918	FCR6479	4978	FCR6557	5038	FCR6663	5098	FCR6789
4859	FCR6396	4919	FCR6481	4979	FCR6560	5039	fc6664n	5099	FCR6792
4860	FCR6398	4920	FCR6482	4980	FCR6561	5040	FCR6665	5100	FCR6793



Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 18 of 45

5101	FCR6794	5161	FCR6889	5221	FCR6976	5281	FCR7071	5341	FCR7166
5102	FCR6795	5162	fcf6891n	5222	FCR6977	5282	FCR7072	5342	FCR7167
5103	fcf6796	5163	FCR6892	5223	FCR6980	5283	FCR7073	5343	FCR7168
5104	FCR6797	5164	FCR6893	5224	FCR6983	5284	FCR7074	5344	FCR7169
5105	FCR6798	5165	FCR6894	5225	FCR6985	5285	FCR7087	5345	FCR7171
5106	FCR6800	5166	FCR6895	5226	FCR6987	5286	FCR7089	5346	FCR7175
5107	FCR6801	5167	FCR6896	5227	FCR6994	5287	FCR7090	5347	FCR7177
5108	FCR6802	5168	FCR6897	5228	FCR6996	5288	FCR7091	5348	FCR7178
5109	FCR6803	5169	FCR6900	5229	FCR6998	5289	FCR7092	5349	FCR7179
5110	FCR6804	5170	FCR6901	5230	FCR6999	5290	FCR7095	5350	FCR7180
5111	FCR6805	5171	FCR6902	5231	FCR7000	5291	FCR7098	5351	FCR7181
5112	FCR6807	5172	fcf6903	5232	FCR7001	5292	FCR7099	5352	FCR7183
5113	FCR6808	5173	FCR6905	5233	FCR7002	5293	FCR7100	5353	FCR7185
5114	FCR6809	5174	FCR6907	5234	FCR7004	5294	FCR7101	5354	FCR7188
5115	FCR6810	5175	FCR6908	5235	FCR7006	5295	FCR7102	5355	FCR7189
5116	FCR6811	5176	FCR6909	5236	FCR7007	5296	FCR7103	5356	FCR7190
5117	FCR6816	5177	FCR6910	5237	FCR7008	5297	FCR7104	5357	FCR7191
5118	FCR6817	5178	fcf6911	5238	FCR7009	5298	FCR7106	5358	FCR7193
5119	FCR6820	5179	FCR6912	5239	FCR7010	5299	FCR7107	5359	FCR7195
5120	FCR6821	5180	FCR6913	5240	FCR7011	5300	FCR7108	5360	FCR7196
5121	fcf6825	5181	FCR6914	5241	fcf7012n	5301	FCR7110	5361	FCR7197
5122	FCR6826	5182	FCR6915	5242	FCR7015	5302	FCR7111	5362	FCR7198
5123	FCR6827	5183	FCR6916	5243	fcf7016	5303	FCR7112	5363	FCR7199
5124	fcf6829	5184	FCR6920	5244	FCR7018	5304	FCR7114	5364	FCR7200
5125	FCR6830	5185	FCR6924	5245	FCR7019	5305	FCR7115	5365	FCR7201
5126	FCR6831	5186	FCR6925	5246	FCR7020	5306	FCR7116	5366	FCR7202
5127	FCR6834	5187	FCR6927	5247	fcf7021	5307	FCR7117	5367	FCR7204
5128	FCR6836	5188	FCR6928	5248	FCR7025	5308	FCR7118	5368	FCR7205
5129	FCR6838	5189	FCR6929	5249	FCR7026	5309	FCR7119	5369	FCR7206
5130	fcf6840	5190	FCR6930	5250	FCR7027	5310	FCR7120	5370	FCR7207
5131	FCR6841	5191	FCR6931	5251	FCR7029	5311	FCR7123	5371	FCR7208
5132	FCR6847	5192	FCR6932	5252	FCR7031	5312	FCR7124	5372	FCR7209
5133	FCR6850	5193	fcf6933	5253	FCR7032	5313	FCR7125	5373	FCR7210
5134	FCR6851	5194	FCR6936	5254	FCR7033	5314	FCR7127	5374	FCR7216
5135	fcf6852n	5195	FCR6937	5255	FCR7034	5315	FCR7128	5375	FCR7217
5136	FCR6854	5196	FCR6938	5256	FCR7039	5316	FCR7129	5376	FCR7220
5137	FCR6857	5197	FCR6941	5257	FCR7040	5317	FCR7130	5377	FCR7221
5138	fcf6858	5198	FCR6942	5258	FCR7041	5318	FCR7133	5378	FCR7222
5139	FCR6859	5199	FCR6943	5259	FCR7042	5319	fcf7134n	5379	FCR7223
5140	FCR6862	5200	FCR6944	5260	FCR7043	5320	FCR7136	5380	FCR7225
5141	FCR6863	5201	FCR6945	5261	FCR7044	5321	FCR7137	5381	FCR7227
5142	FCR6866	5202	FCR6947	5262	FCR7045	5322	FCR7138	5382	FCR7228
5143	FCR6867	5203	fcf6948	5263	FCR7046	5323	FCR7139	5383	FCR7230
5144	FCR6869	5204	fcf6950	5264	fcf7047	5324	FCR7140	5384	fcf7232
5145	FCR6870	5205	fcf6951	5265	FCR7049	5325	FCR7141	5385	FCR7233
5146	FCR6871	5206	FCR6952	5266	FCR7050	5326	FCR7143	5386	FCR7236
5147	FCR6872	5207	FCR6955	5267	FCR7051	5327	FCR7146	5387	FCR7237
5148	FCR6873	5208	FCR6957	5268	FCR7054	5328	FCR7147	5388	fcf7238
5149	FCR6874	5209	FCR6958	5269	FCR7055	5329	FCR7150	5389	FCR7239
5150	FCR6876	5210	FCR6960	5270	FCR7056	5330	FCR7151	5390	FCR7240
5151	FCR6877	5211	FCR6961	5271	FCR7057	5331	fcf7152	5391	FCR7241
5152	FCR6878	5212	FCR6962	5272	FCR7058	5332	FCR7153	5392	FCR7243
5153	FCR6879	5213	FCR6963	5273	FCR7059	5333	FCR7154	5393	FCR7244
5154	FCR6881	5214	FCR6964	5274	FCR7060	5334	FCR7155	5394	FCR7245
5155	FCR6882	5215	FCR6967	5275	fcf7062	5335	FCR7157	5395	FCR7246
5156	FCR6883	5216	FCR6968	5276	FCR7063	5336	FCR7158	5396	FCR7247
5157	FCR6884	5217	FCR6969	5277	FCR7065	5337	FCR7159	5397	FCR7248
5158	FCR6886	5218	FCR6970	5278	FCR7067	5338	FCR7161	5398	FCR7249
5159	FCR6887	5219	fcf6973	5279	FCR7069	5339	FCR7163	5399	FCR7251
5160	FCR6888	5220	FCR6975	5280	FCR7070	5340	FCR7164	5400	FCR7252



Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 19 of 45

5401	FCR7253	5461	FCR7344	5521	FCR7430	5581	FCR7580	5641	FCR7713
5402	FCR7254	5462	FCR7345	5522	FCR7431	5582	FCR7585	5642	FCR7714
5403	FCR7255	5463	for7346n	5523	FCR7446	5583	FCR7586	5643	FCR7715
5404	FCR7256	5464	FCR7349	5524	FCR7448	5584	FCR7587	5644	FCR7719
5405	FCR7259	5465	FCR7351	5525	FCR7449	5585	for7588	5645	FCR7721
5406	FCR7261	5466	FCR7353	5526	FCR7453	5586	FCR7591	5646	FCR7725
5407	FCR7262	5467	FCR7354	5527	FCR7458	5587	FCR7592	5647	FCR7726
5408	FCR7264	5468	FCR7357	5528	for7460	5588	FCR7597	5648	FCR7727
5409	for7266	5469	FCR7360	5529	FCR7465	5589	FCR7602	5649	FCR7728
5410	FCR7267	5470	FCR7361	5530	FCR7468	5590	FCR7604	5650	FCR7729
5411	FCR7268	5471	FCR7362	5531	FCR7469	5591	FCR7605	5651	FCR7730
5412	FCR7269	5472	FCR7363	5532	FCR7470	5592	FCR7609	5652	for7731
5413	FCR7272	5473	FCR7364	5533	FCR7471	5593	FCR7610	5653	for7733
5414	FCR7274	5474	FCR7365	5534	for7472	5594	for7613n	5654	for7734
5415	FCR7277	5475	FCR7367	5535	FCR7473	5595	FCR7614	5655	for7735n
5416	FCR7280	5476	FCR7368	5536	for7474	5596	FCR7621	5656	FCR7737
5417	FCR7282	5477	FCR7369	5537	FCR7476	5597	for7622	5657	for7738
5418	for7283	5478	FCR7370	5538	FCR7477	5598	FCR7623	5658	FCR7739
5419	FCR7284	5479	FCR7371	5539	for7481n	5599	FCR7624	5659	FCR7740
5420	FCR7286	5480	for7372	5540	FCR7498	5600	FCR7625	5660	FCR7741
5421	FCR7288	5481	FCR7373	5541	FCR7500	5601	FCR7626	5661	FCR7742
5422	FCR7289	5482	FCR7374	5542	FCR7502	5602	FCR7630	5662	FCR7743
5423	FCR7290	5483	FCR7375	5543	FCR7505	5603	FCR7636	5663	FCR7744
5424	FCR7291	5484	FCR7377	5544	FCR7508	5604	FCR7637	5664	FCR7745
5425	FCR7292	5485	FCR7378	5545	for7509	5605	FCR7638	5665	forb0001
5426	FCR7293	5486	FCR7379	5546	FCR7511	5606	FCR7640	5666	forb0002
5427	FCR7294	5487	FCR7380	5547	FCR7512	5607	FCR7642	5667	forb0003
5428	for7295	5488	FCR7381	5548	FCR7513	5608	FCR7643	5668	forb0004
5429	FCR7296	5489	FCR7382	5549	FCR7516	5609	FCR7644	5669	forb0005
5430	FCR7297	5490	FCR7383	5550	FCR7518	5610	FCR7646	5670	forb0006
5431	FCR7299	5491	FCR7385	5551	FCR7519	5611	FCR7648	5671	forb0007
5432	FCR7301	5492	FCR7386	5552	FCR7521	5612	FCR7649	5672	forb0008
5433	FCR7303	5493	for7387	5553	FCR7522	5613	FCR7656	5673	forb0009
5434	FCR7304	5494	FCR7388	5554	FCR7523	5614	FCR7657	5674	forb0010
5435	FCR7305	5495	FCR7390	5555	FCR7527	5615	FCR7658	5675	forb0012
5436	FCR7307	5496	FCR7391	5556	FCR7541	5616	FCR7659	5676	forb0013
5437	FCR7308	5497	FCR7400	5557	FCR7542	5617	for7663n	5677	forb0014
5438	FCR7309	5498	FCR7401	5558	FCR7543	5618	FCR7665	5678	forb0015
5439	FCR7310	5499	FCR7403	5559	FCR7544	5619	FCR7667	5679	forb0016
5440	FCR7311	5500	for7404n	5560	for7545n	5620	FCR7669	5680	forb0017
5441	FCR7315	5501	FCR7405	5561	FCR7546	5621	for7671n	5681	forb0018
5442	for7316	5502	FCR7406	5562	FCR7547	5622	FCR7675	5682	forb0019
5443	FCR7318	5503	FCR7407	5563	FCR7548	5623	FCR7680	5683	forb0020
5444	for7319	5504	for7408n	5564	FCR7549	5624	FCR7681	5684	forb0021
5445	FCR7322	5505	FCR7409	5565	FCR7550	5625	FCR7682	5685	forb0023
5446	for7323	5506	FCR7411	5566	FCR7551	5626	FCR7683	5686	forb0025
5447	FCR7324	5507	FCR7412	5567	for7552	5627	FCR7684	5687	forb0026
5448	for7325	5508	FCR7414	5568	FCR7553	5628	FCR7685	5688	forb0027
5449	FCR7327	5509	FCR7415	5569	FCR7557	5629	FCR7689	5689	forb0028
5450	FCR7328	5510	FCR7416	5570	FCR7559	5630	FCR7692	5690	forb0029
5451	FCR7329	5511	FCR7418	5571	FCR7561	5631	FCR7693	5691	forb0030
5452	FCR7330	5512	FCR7419	5572	FCR7562	5632	FCR7694	5692	forb0032
5453	FCR7331	5513	FCR7421	5573	FCR7566	5633	FCR7695	5693	forb0033
5454	FCR7332	5514	FCR7423	5574	FCR7568	5634	FCR7696	5694	forb0034
5455	FCR7333	5515	FCR7424	5575	for7569	5635	FCR7697	5695	forb0035
5456	FCR7337	5516	FCR7425	5576	FCR7570	5636	FCR7700	5696	forb0036
5457	FCR7338	5517	FCR7426	5577	FCR7571	5637	FCR7702	5697	forb0037
5458	FCR7341	5518	FCR7427	5578	for7572	5638	FCR7705	5698	forb0038
5459	for7342	5519	FCR7428	5579	FCR7573	5639	FCR7710	5699	forb0039
5460	FCR7343	5520	FCR7429	5580	FCR7578	5640	FCR7711	5700	forb0040

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 20 of 45

5701	fcrb0042	5761	fcrb0121	5821	fcrb0216	5881	fcrb0325	5941	fcrb0418
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5703	fcrb0045	5763	fcrb0124	5823	fcrb0220	5883	fcrb0327	5943	fcrb0420
5704	fcrb0046	5764	fcrb0125	5824	fcrb0221	5884	fcrb0331	5944	fcrb0422
5705	fcrb0048	5765	fcrb0126	5825	fcrb0233	5885	fcrb0332	5945	fcrb0424
5706	fcrb0049	5766	fcrb0127	5826	fcrb0241	5886	fcrb0334	5946	fcrb0425
5707	fcrb0050	5767	fcrb0129	5827	fcrb0245	5887	fcrb0335	5947	fcrb0426
5708	fcrb0051	5768	fcrb0130	5828	fcrb0247	5888	fcrb0336	5948	fcrb0427
5709	fcrb0052	5769	fcrb0131	5829	fcrb0249	5889	fcrb0338	5949	fcrb0428
5710	fcrb0053	5770	fcrb0132	5830	fcrb0250	5890	fcrb0339	5950	fcrb0429
5711	fcrb0054	5771	fcrb0134	5831	fcrb0251	5891	fcrb0342	5951	fcrb0431
5712	fcrb0055	5772	fcrb0135	5832	fcrb0253	5892	fcrb0343	5952	fcrb0433
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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 21 of 45

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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 22 of 45

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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 23 of 45

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6901	fcrb2093	6961	fcrb2167	7021	fcrb2245	7081	fcrb2320	7141	fcrb2408
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7232	fcrb2540	7292	fcrb2619	7352	fcrb2713	7412	hfc0022	7472	hfc0091
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7507	hfc0147	7567	hfc0238	7627	hfc0315	7687	hfc0383	7747	hfc0453
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7801	hfc0514	7861	hfc0581	7921	hfc0675	7981	hfc0748	8041	hfc0839
7802	hfc0515	7862	hfc0582	7922	hfc0676	7982	hfc0749	8042	hfc0840
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7805	hfc0518	7865	hfc0587	7925	hfc0679	7985	hfc0753	8045	hfc0843
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9901	hfc3802	9961	hfc3888	10021	hfc3963	10081	hfc4059	10141	hfc4142
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9960	hfc3887	10020	hfc3962	10080	hfc4058	10140	hfc4141	10200	hfc4226



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Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 36 of 45

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10524	hfc5383	10584	hfc5505	10644	hfc5657	10704	hfc5772	10764	hfc5854
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12612	hfc98959	12672	hfc9036	12732	hfc9125	12792	hfc9200	12852	hfc9276
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12629	hfc98982	12689	hfc9061	12749	hfc9146	12809	hfc9224	12869	hfc9296
12630	hfc98983	12690	hfc9062	12750	hfc9148	12810	hfc9225	12870	hfc9297
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12642	hfc98999	12702	hfc9080	12762	hfc9165	12822	hfc9241	12882	hfc9315
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12654	hfc9014	12714	hfc9096	12774	hfc9179	12834	hfc9254	12894	hfc9340
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12656	hfc9017	12716	hfc9098	12776	hfc9181	12836	hfc9256	12896	hfc9342
12657	hfc9018	12717	hfc9099	12777	hfc9182	12837	hfc9257	12897	hfc9343
12658	hfc9020	12718	hfc9100	12778	hfc9183	12838	hfc9258	12898	hfc9344
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12660	hfc9023	12720	hfc9105	12780	hfc9185	12840	hfc9261	12900	hfc9346

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12901	hfc9347	12961	hfc9426	13021	hfc9512	13081	hfc9582	13141	hfc9653
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12906	hfc9353	12966	hfc9433	13026	hfc9519	13086	hfc9592	13146	hfc9660
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12908	hfc9355	12968	hfc9437	13028	hfc9521	13088	hfc9594	13148	hfc9663
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12915	hfc9363	12975	hfc9447	13035	hfc9529	13095	hfc9601	13155	hfc9671
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12920	hfc9369	12980	hfc9461	13040	hfc9535	13100	hfc9606	13160	hfc9678
12921	hfc9371	12981	hfc9462	13041	hfc9536	13101	hfc9607	13161	hfc9679
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12923	hfc9374	12983	hfc9465	13043	hfc9538	13103	hfc9609	13163	hfc9681
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12925	hfc9378	12985	hfc9468	13045	hfc9540	13105	hfc9611	13165	hfc9684
12926	hfc9381	12986	hfc9469	13046	hfc9541	13106	hfc9612	13166	hfc9685
12927	hfc9383	12987	hfc9470	13047	hfc9542	13107	hfc9613	13167	hfc9686
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12960	hfc9425	13020	hfc9511	13080	hfc9581	13140	hfc9652	13200	hfc9729

Figure 6B – List of EST Sequence Names From Fetal Cartilage cDNA Library – Page 45 of 45

13201	hfc9730	13261	hfc9815	13321	hfc9907	13381	hfc9980
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13205	hfc9737	13265	hfc9820	13325	hfc9911	13385	hfc9986
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13207	hfc9739	13267	hfc9822	13327	hfc9913	13387	hfc9988
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13210	hfc9742	13270	hfc9827	13330	hfc9916	13390	hfc9991
13211	hfc9743	13271	hfc9830	13331	hfc9917	13391	hfc9992
13212	hfc9744	13272	hfc9835	13332	hfc9918	13392	hfc9993
13213	hfc9745	13273	hfc9836	13333	hfc9919	13393	hfc9994
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13215	hfc9748	13275	hfc9840	13335	hfc9921	13395	hfc9996
13216	hfc9751	13276	hfc9841	13336	hfc9922	13396	hfc9997
13217	hfc9754	13277	hfc9842	13337	hfc9923	13397	hfc9998
13218	hfc9755	13278	hfc9843	13338	hfc9924	13398	hfc9999
13219	hfc9756	13279	hfc9844	13339	hfc9926		
13220	hfc9757	13280	hfc9845	13340	hfc9927		
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13222	hfc9761	13282	hfc9847	13342	hfc9929		
13223	hfc9763	13283	hfc9848	13343	hfc9932		
13224	hfc9764	13284	hfc9853	13344	hfc9933		
13225	hfc9767	13285	hfc9861	13345	hfc9934		
13226	hfc9768	13286	hfc9862	13346	hfc9935		
13227	hfc9769	13287	hfc9863	13347	hfc9936		
13228	hfc9771	13288	hfc9866	13348	hfc9938		
13229	hfc9773	13289	hfc9867	13349	hfc9939		
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13231	hfc9775	13291	hfc9869	13351	hfc9941		
13232	hfc9776	13292	hfc9871	13352	hfc9942		
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13259	hfc9812	13319	hfc9904	13379	hfc9977		
13260	hfc9814	13320	hfc9905	13380	hfc9979		

Figure 6C – List of EST Sequence Names From Normal Cartilage cDNA Library – Page 1 of 61

1	ncr0001	61	ncr0094	121	ncr0178	181	ncr0268	241	ncr0358
2	ncr0004	62	ncr0095	122	ncr0179	182	ncr0269	242	ncr0360
3	ncr0005	63	ncr0096	123	ncr0180	183	ncr0270	243	ncr0363
4	ncr0007	64	ncr0097	124	ncr0181	184	ncr0272	244	ncr0364
5	ncr0008	65	ncr0099	125	ncr0182	185	ncr0273	245	ncr0365
6	ncr0011	66	ncr0100	126	ncr0183	186	ncr0274	246	ncr0366
7	ncr0013	67	ncr0101	127	ncr0184	187	ncr0275	247	ncr0368
8	ncr0014	68	ncr0103	128	ncr0185	188	ncr0276	248	ncr0369
9	ncr0015	69	ncr0104	129	ncr0186	189	ncr0277	249	ncr0370n
10	ncr0016	70	ncr0105	130	ncr0187	190	ncr0279	250	ncr0371n
11	ncr0018	71	ncr0107	131	ncr0188	191	ncr0282	251	ncr0372
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16	ncr0025	76	ncr0114	136	ncr0197	196	ncr0289	256	ncr0378
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19	ncr0029	79	ncr0120	139	ncr0201	199	ncr0296	259	ncr0381
20	ncr0031	80	ncr0122	140	ncr0205	200	ncr0299	260	ncr0382
21	ncr0032	81	ncr0123	141	ncr0206	201	ncr0300	261	ncr0383
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23	ncr0034	83	ncr0125	143	ncr0209	203	ncr0303	263	ncr0385
24	ncr0035	84	ncr0126	144	ncr0210	204	ncr0304	264	ncr0387
25	ncr0036	85	ncr0128	145	ncr0211	205	ncr0305	265	ncr0388
26	ncr0037	86	ncr0130	146	ncr0212	206	ncr0306	266	ncr0389
27	ncr0041	87	ncr0132	147	ncr0213	207	ncr0307	267	ncr0392
28	ncr0043	88	ncr0133	148	ncr0215	208	ncr0309	268	ncr0393
29	ncr0044	89	ncr0134	149	ncr0218	209	ncr0310n	269	ncr0395
30	ncr0045	90	ncr0135	150	ncr0221	210	ncr0312	270	ncr0396
31	ncr0046	91	ncr0136	151	ncr0222	211	ncr0313	271	ncr0400
32	ncr0047	92	ncr0137	152	ncr0223	212	ncr0314	272	ncr0402
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42	ncr0066	102	ncr0150	162	ncr0242	222	ncr0329	282	ncr0416
43	ncr0067	103	ncr0152	163	ncr0243	223	ncr0330	283	ncr0417
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45	ncr0072	105	ncr0156	165	ncr0245	225	ncr0332	285	ncr0420
46	ncr0073	106	ncr0157	166	ncr0246	226	ncr0333	286	ncr0421
47	ncr0074	107	ncr0159	167	ncr0250	227	ncr0335	287	ncr0422
48	ncr0075	108	ncr0160	168	ncr0251	228	ncr0336	288	ncr0424
49	ncr0076	109	ncr0164	169	ncr0252	229	ncr0338	289	ncr0425
50	ncr0078	110	ncr0165	170	ncr0253	230	ncr0339n	290	ncr0426
51	ncr0079	111	ncr0166n	171	ncr0255	231	ncr0340	291	ncr0427
52	ncr0080	112	ncr0167	172	ncr0256	232	ncr0343	292	ncr0429
53	ncr0081	113	ncr0168	173	ncr0257	233	ncr0345	293	ncr0432
54	ncr0083	114	ncr0169	174	ncr0258	234	ncr0347	294	ncr0433
55	ncr0084	115	ncr0170	175	ncr0260	235	ncr0350	295	ncr0434
56	ncr0085	116	ncr0171	176	ncr0261	236	ncr0352	296	ncr0436
57	ncr0088	117	ncr0172	177	ncr0262	237	ncr0353	297	ncr0438
58	ncr0090	118	ncr0173	178	ncr0265	238	ncr0355	298	ncr0441
59	ncr0091	119	ncr0174	179	ncr0266	239	ncr0356	299	ncr0442
60	ncr0092	120	ncr0176	180	ncr0267	240	ncr0357	300	ncr0443

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301	ncr0444	361	ncr0531	421	ncr0598	481	ncr0678	541	ncr0780
302	ncr0445	362	ncr0532	422	ncr0600	482	ncr0679	542	ncr0781
303	ncr0446	363	ncr0533	423	ncr0602	483	ncr0680	543	ncr0783
304	ncr0448	364	ncr0534	424	ncr0604	484	ncr0681	544	ncr0785
305	ncr0449	365	ncr0535	425	ncr0605	485	ncr0685	545	ncr0786
306	ncr0451	366	ncr0536	426	ncr0608	486	ncr0687	546	ncr0787
307	ncr0452	367	ncr0538	427	ncr0609	487	ncr0688	547	ncr0788
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311	ncr0456	371	ncr0542	431	ncr0613	491	ncr0694	551	ncr0796
312	ncr0457	372	ncr0543	432	ncr0614	492	ncr0696	552	ncr0797
313	ncr0459	373	ncr0544	433	ncr0615	493	ncr0697	553	ncr0799
314	ncr0460	374	ncr0545	434	ncr0617	494	ncr0700	554	ncr0800
315	ncr0461	375	ncr0546	435	ncr0618	495	ncr0701	555	ncr0801
316	ncr0463	376	ncr0547	436	ncr0619	496	ncr0704	556	ncr0802
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322	ncr0472	382	ncr0554	442	ncr0625	502	ncr0720	562	ncr0812
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326	ncr0478	386	ncr0560	446	ncr0630	506	ncr0728	566	ncr0817
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328	ncr0480	388	ncr0562	448	ncr0632	508	ncr0731	568	ncr0820
329	ncr0484	389	ncr0563	449	ncr0633	509	ncr0733	569	ncr0822
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333	ncr0489	393	ncr0567	453	ncr0638	513	ncr0739	573	ncr0827
334	ncr0491	394	ncr0568	454	ncr0640	514	ncr0740	574	ncr0828
335	ncr0494	395	ncr0569	455	ncr0641	515	ncr0741	575	ncr0829
336	ncr0495	396	ncr0570	456	ncr0642	516	ncr0742	576	ncr0830
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345	ncr0506	405	ncr0580	465	ncr0654	525	ncr0759	585	ncr0843
346	ncr0507	406	ncr0581	466	ncr0656	526	ncr0760	586	ncr0844
347	ncr0509	407	ncr0582	467	ncr0658	527	ncr0761	587	ncr0845
348	ncr0511	408	ncr0583	468	ncr0660	528	ncr0762	588	ncr0846
349	ncr0512	409	ncr0584	469	ncr0661	529	ncr0763	589	ncr0847
350	ncr0513	410	ncr0586	470	ncr0662	530	ncr0764	590	ncr0851
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355	ncr0521	415	ncr0591	475	ncr0669	535	ncr0769	595	ncr0856
356	ncr0522	416	ncr0593	476	ncr0671	536	ncr0772	596	ncr0859
357	ncr0524	417	ncr0594	477	ncr0672	537	ncr0773	597	ncr0860
358	ncr0525	418	ncr0595	478	ncr0673	538	ncr0775	598	ncr0861
359	ncr0527	419	ncr0596	479	ncr0675	539	ncr0776	599	ncr0862
360	ncr0528	420	ncr0597	480	ncr0676	540	ncr0779	600	ncr0863

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601	ncr0865	661	ncr0949	721	ncr1035	781	ncr1129	841	ncr1221
602	ncr0867	662	ncr0950	722	ncr1036	782	ncr1130	842	ncr1224
603	ncr0869	663	ncr0952	723	ncr1038	783	ncr1132	843	ncr1225
604	ncr0870	664	ncr0953	724	ncr1039	784	ncr1134	844	ncr1226
605	ncr0871	665	ncr0954	725	ncr1040	785	ncr1135	845	ncr1228
606	ncr0872	666	ncr0956	726	ncr1041	786	ncr1137	846	ncr1229
607	ncr0879	667	ncr0957	727	ncr1042	787	ncr1138	847	ncr1230
608	ncr0880	668	ncr0958	728	ncr1043	788	ncr1139	848	ncr1231
609	ncr0881	669	ncr0959	729	ncr1045	789	ncr1140	849	ncr1232
610	ncr0883	670	ncr0960	730	ncr1046	790	ncr1141	850	ncr1235
611	ncr0884	671	ncr0963	731	ncr1047	791	ncr1142	851	ncr1236
612	ncr0885	672	ncr0965	732	ncr1048	792	ncr1147	852	ncr1238
613	ncr0888	673	ncr0967	733	ncr1049	793	ncr1148	853	ncr1240
614	ncr0889	674	ncr0968	734	ncr1051	794	ncr1150	854	ncr1241
615	ncr0891	675	ncr0969	735	ncr1052	795	ncr1152	855	ncr1242
616	ncr0893	676	ncr0971	736	ncr1053	796	ncr1155	856	ncr1244
617	ncr0895	677	ncr0972	737	ncr1055	797	ncr1159	857	ncr1245
618	ncr0897	678	ncr0974	738	ncr1059	798	ncr1161	858	ncr1246
619	ncr0898	679	ncr0975	739	ncr1060	799	ncr1163	859	ncr1247
620	ncr0899	680	ncr0976	740	ncr1061	800	ncr1165	860	ncr1248
621	ncr0900	681	ncr0977	741	ncr1063	801	ncr1167	861	ncr1249
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623	ncr0902	683	ncr0980	743	ncr1067	803	ncr1169	863	ncr1252
624	ncr0904	684	ncr0984	744	ncr1068	804	ncr1171	864	ncr1255
625	ncr0906	685	ncr0985	745	ncr1071	805	ncr1172	865	ncr1256
626	ncr0908	686	ncr0987	746	ncr1072	806	ncr1175	866	ncr1257
627	ncr0910	687	ncr0988	747	ncr1073	807	ncr1177	867	ncr1260
628	ncr0911	688	ncr0989	748	ncr1076	808	ncr1179	868	ncr1261
629	ncr0912	689	ncr0991	749	ncr1077	809	ncr1180	869	ncr1263
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631	ncr0914	691	ncr0994	751	ncr1080	811	ncr1183	871	ncr1265
632	ncr0915	692	ncr0995	752	ncr1082	812	ncr1184	872	ncr1267
633	ncr0916	693	ncr0997	753	ncr1085	813	ncr1186	873	ncr1268
634	ncr0917	694	ncr0998	754	ncr1087	814	ncr1187	874	ncr1271
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636	ncr0920	696	ncr1002	756	ncr1091	816	ncr1192	876	ncr1273
637	ncr0921	697	ncr1003	757	ncr1094	817	ncr1194	877	ncr1274
638	ncr0922	698	ncr1004	758	ncr1096	818	ncr1195	878	ncr1275
639	ncr0923	699	ncr1005	759	ncr1098	819	ncr1196	879	ncr1276
640	ncr0924	700	ncr1006	760	ncr1099	820	ncr1197	880	ncr1280
641	ncr0925	701	ncr1007	761	ncr1101	821	ncr1199	881	ncr1281
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646	ncr0931	706	ncr1013	766	ncr1107	826	ncr1205	886	ncr1286
647	ncr0933	707	ncr1016	767	ncr1108	827	ncr1206	887	ncr1288
648	ncr0934	708	ncr1020	768	ncr1109	828	ncr1208	888	ncr1289
649	ncr0935	709	ncr1021	769	ncr1110	829	ncr1209	889	ncr1290
650	ncr0937	710	ncr1023	770	ncr1113	830	ncr1210	890	ncr1291
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653	ncr0941	713	ncr1026	773	ncr1116	833	ncr1213	893	ncr1294
654	ncr0942	714	ncr1028	774	ncr1117	834	ncr1214	894	ncr1295
655	ncr0943	715	ncr1029	775	ncr1119	835	ncr1215	895	ncr1296
656	ncr0944	716	ncr1030	776	ncr1121	836	ncr1216	896	ncr1297
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658	ncr0946	718	ncr1032	778	ncr1125	838	ncr1218	898	ncr1299
659	ncr0947	719	ncr1033	779	ncr1126	839	ncr1219	899	ncr1302
660	ncr0948	720	ncr1034	780	ncr1127	840	ncr1220	900	ncr1303

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901	ncr1305	961	ncr1396	1021	ncr1479	1081	ncr1563	1141	ncr1656
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903	ncr1309	963	ncr1399	1023	ncr1483	1083	ncr1567	1143	ncr1658
904	ncr1310	964	ncr1400	1024	ncr1484	1084	ncr1568	1144	ncr1660
905	ncr1312	965	ncr1401	1025	ncr1485	1085	ncr1569	1145	ncr1661
906	ncr1313	966	ncr1402	1026	ncr1486	1086	ncr1570	1146	ncr1663
907	ncr1314	967	ncr1403	1027	ncr1488	1087	ncr1571	1147	ncr1666
908	ncr1315	968	ncr1404	1028	ncr1490	1088	ncr1572	1148	ncr1667
909	ncr1316	969	ncr1405	1029	ncr1491	1089	ncr1573	1149	ncr1668
910	ncr1317	970	ncr1406	1030	ncr1492	1090	ncr1575	1150	ncr1669
911	ncr1318	971	ncr1407	1031	ncr1494	1091	ncr1576	1151	ncr1671
912	ncr1319	972	ncr1408	1032	ncr1495	1092	ncr1578	1152	ncr1672
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914	ncr1323	974	ncr1410	1034	ncr1497	1094	ncr1583	1154	ncr1675
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918	ncr1328	978	ncr1415	1038	ncr1503	1098	ncr1590	1158	ncr1679
919	ncr1330	979	ncr1416	1039	ncr1504	1099	ncr1592	1159	ncr1680
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922	ncr1334	982	ncr1420	1042	ncr1507	1102	ncr1595	1162	ncr1683
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927	ncr1344	987	ncr1425	1047	ncr1512	1107	ncr1601	1167	ncr1689
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929	ncr1347	989	ncr1427	1049	ncr1514	1109	ncr1603	1169	ncr1692
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931	ncr1351	991	ncr1429	1051	ncr1516	1111	ncr1605	1171	ncr1694
932	ncr1352	992	ncr1430	1052	ncr1519	1112	ncr1608	1172	ncr1695
933	ncr1353	993	ncr1431	1053	ncr1520	1113	ncr1609	1173	ncr1696
934	ncr1355	994	ncr1433	1054	ncr1522	1114	ncr1610	1174	ncr1697
935	ncr1356	995	ncr1434	1055	ncr1523	1115	ncr1612	1175	ncr1699
936	ncr1357	996	ncr1435	1056	ncr1524	1116	ncr1613	1176	ncr1700
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938	ncr1361	998	ncr1437	1058	ncr1526	1118	ncr1618	1178	ncr1702
939	ncr1368	999	ncr1439	1059	ncr1527	1119	ncr1619	1179	ncr1703
940	ncr1369	1000	ncr1440	1060	ncr1528	1120	ncr1620	1180	ncr1704
941	ncr1370	1001	ncr1444	1061	ncr1529	1121	ncr1622	1181	ncr1707
942	ncr1371	1002	ncr1445	1062	ncr1531	1122	ncr1623	1182	ncr1708
943	ncr1372	1003	ncr1447	1063	ncr1532	1123	ncr1624	1183	ncr1709
944	ncr1373	1004	ncr1449	1064	ncr1533	1124	ncr1627	1184	ncr1710
945	ncr1375	1005	ncr1451	1065	ncr1534	1125	ncr1628	1185	ncr1711
946	ncr1376	1006	ncr1452	1066	ncr1535	1126	ncr1630	1186	ncr1712
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3653	ncr5529	3713	ncr5620	3773	ncr5703	3833	ncr5795	3893	ncr5890
3654	ncr5530	3714	ncr5621	3774	ncr5704	3834	ncr5796	3894	ncr5892
3655	ncr5531	3715	ncr5622	3775	ncr5706	3835	ncr5797	3895	ncr5894
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3660	ncr5536	3720	ncr5629	3780	ncr5711	3840	ncr5807	3900	ncr5901



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3909	ncr5914	3969	ncr6012	4029	ncr6105	4089	ncr6196	4149	ncr6285
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3915	ncr5921	3975	ncr6023	4035	ncr6111	4095	ncr6204	4155	ncr6291
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3941	ncr5960	4001	ncr6060	4061	ncr6144	4121	ncr6240	4181	ncr6331
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3943	ncr5963	4003	ncr6063	4063	ncr6152	4123	ncr6244	4183	ncr6334
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3948	ncr5973	4008	ncr6071	4068	ncr6161	4128	ncr6257	4188	ncr6344
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3958	ncr5990	4018	ncr6086	4078	ncr6180	4138	ncr6272	4198	ncr6373
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3960	ncr5995	4020	ncr6091	4080	ncr6183	4140	ncr6274	4200	ncr6376

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4202	ncr6381	4262	ncr6570	4322	ncr6677	4382	ncr6771	4442	ncr6866
4203	ncr6382	4263	ncr6571	4323	ncr6678	4383	ncr6772	4443	ncr6867
4204	ncr6383	4264	ncr6573	4324	ncr6679	4384	ncr6773	4444	ncr6868
4205	ncr6384	4265	ncr6575	4325	ncr6681	4385	ncr6774	4445	ncr6869
4206	ncr6385	4266	ncr6577	4326	ncr6682	4386	ncr6775	4446	ncr6870
4207	ncr6388	4267	ncr6578	4327	ncr6683	4387	ncr6776	4447	ncr6871
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4226	ncr6410	4286	ncr6608	4346	ncr6714	4406	ncr6810	4466	ncr6894
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4237	ncr6426	4297	ncr6633	4357	ncr6739	4417	ncr6824	4477	ncr6908
4238	ncr6427	4298	ncr6635	4358	ncr6740	4418	ncr6825	4478	ncr6909
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4509	ncr6958	4569	ncr7058	4629	ncr7147	4689	ncr7234	4749	ncr7325
4510	ncr6959	4570	ncr7062	4630	ncr7148	4690	ncr7236	4750	ncr7326
4511	ncr6961	4571	ncr7063	4631	ncr7149	4691	ncr7238	4751	ncr7328
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4517	ncr6970	4577	ncr7071	4637	ncr7157	4697	ncr7245	4757	ncr7338
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4533	ncr7001	4593	ncr7091	4653	ncr7176	4713	ncr7265	4773	ncr7356
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4535	ncr7003	4595	ncr7095	4655	ncr7178	4715	ncr7267	4775	ncr7359
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4553	ncr7033	4613	ncr7125	4673	ncr7204	4733	ncr7292	4793	ncr7382
4554	ncr7035	4614	ncr7127	4674	ncr7205	4734	ncr7293	4794	ncr7383
4555	ncr7036	4615	ncr7128	4675	ncr7207	4735	ncr7294	4795	ncr7385
4556	ncr7037	4616	ncr7129	4676	ncr7211	4736	ncr7295	4796	ncr7386
4557	ncr7039	4617	ncr7131	4677	ncr7212	4737	ncr7296	4797	ncr7387
4558	ncr7041	4618	ncr7132	4678	ncr7215	4738	ncr7299	4798	ncr7388
4559	ncr7042	4619	ncr7133	4679	ncr7216	4739	ncr7301	4799	ncr7389
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4813	ncr7417	4873	ncr7512	4933	ncr7596	4993	ncr7691	5053	ncr7768
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4815	ncr7419	4875	ncr7514	4935	ncr7600	4995	ncr7694	5055	ncr7770
4816	ncr7420	4876	ncr7515	4936	ncr7601	4996	ncr7695	5056	ncr7771
4817	ncr7423	4877	ncr7516	4937	ncr7603	4997	ncr7696	5057	ncr7772
4818	ncr7425	4878	ncr7517	4938	ncr7605	4998	ncr7697	5058	ncr7773
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4832	ncr7453	4892	ncr7538	4952	ncr7630	5012	ncr7720	5072	ncr7795
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4854	ncr7482	4914	ncr7565	4974	ncr7664	5034	ncr7747	5094	ncr7828
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4858	ncr7486	4918	ncr7570	4978	ncr7669	5038	ncr7751	5098	ncr7835
4859	ncr7487	4919	ncr7571	4979	ncr7670	5039	ncr7752	5099	ncr7836
4860	ncr7488	4920	ncr7573	4980	ncr7671	5040	ncr7753	5100	ncr7837

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5101	ncr7838	5161	ncr7926	5221	ncr8018	5281	ncr8107	5341	ncr8186
5102	ncr7839	5162	ncr7927	5222	ncr8019	5282	ncr8108	5342	ncr8187
5103	ncr7840	5163	ncr7929	5223	ncr8020	5283	ncr8109	5343	ncr8188
5104	ncr7841	5164	ncr7931	5224	ncr8024	5284	ncr8110	5344	ncr8189
5105	ncr7843	5165	ncr7932	5225	ncr8025	5285	ncr8111	5345	ncr8191
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5120	ncr7864	5180	ncr7952	5240	ncr8044	5300	ncr8129	5360	ncr8216
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5122	ncr7871	5182	ncr7955	5242	ncr8047	5302	ncr8131	5362	ncr8220
5123	ncr7875	5183	ncr7956	5243	ncr8049	5303	ncr8132	5363	ncr8221
5124	ncr7876	5184	ncr7957	5244	ncr8052	5304	ncr8133	5364	ncr8224
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5126	ncr7879	5186	ncr7959	5246	ncr8054	5306	ncr8137	5366	ncr8226
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5135	ncr7892	5195	ncr7971	5255	ncr8064	5315	ncr8149	5375	ncr8236
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5137	ncr7895	5197	ncr7975	5257	ncr8068	5317	ncr8151	5377	ncr8239
5138	ncr7896	5198	ncr7976	5258	ncr8069	5318	ncr8152	5378	ncr8241
5139	ncr7897	5199	ncr7979	5259	ncr8071	5319	ncr8153	5379	ncr8242
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5141	ncr7901	5201	ncr7984	5261	ncr8075	5321	ncr8156	5381	ncr8244
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5158	ncr7923	5218	ncr8013	5278	ncr8100	5338	ncr8182	5398	ncr8272
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5160	ncr7925	5220	ncr8017	5280	ncr8103	5340	ncr8184	5400	ncr8275

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5401	ncr8276	5461	ncr8367	5521	ncr8464	5581	ncr8551	5641	ncr8659
5402	ncr8277	5462	ncr8368	5522	ncr8467	5582	ncr8555	5642	ncr8660
5403	ncr8280	5463	ncr8372	5523	ncr8468	5583	ncr8556	5643	ncr8663
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5405	ncr8282	5465	ncr8375	5525	ncr8471	5585	ncr8563	5645	ncr8666
5406	ncr8284	5466	ncr8376	5526	ncr8472	5586	ncr8565	5646	ncr8667
5407	ncr8287	5467	ncr8377	5527	ncr8473	5587	ncr8568	5647	ncr8668
5408	ncr8288	5468	ncr8378	5528	ncr8475	5588	ncr8569	5648	ncr8669
5409	ncr8289	5469	ncr8381	5529	ncr8476	5589	ncr8572	5649	ncr8671
5410	ncr8290	5470	ncr8386	5530	ncr8477	5590	ncr8573	5650	ncr8672
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5414	ncr8294	5474	ncr8395	5534	ncr8483	5594	ncr8584	5654	ncr8684
5415	ncr8295	5475	ncr8396	5535	ncr8484	5595	ncr8588	5655	ncr8685
5416	ncr8296	5476	ncr8397	5536	ncr8485	5596	ncr8589	5656	ncr8686
5417	ncr8299	5477	ncr8398	5537	ncr8486	5597	ncr8593	5657	ncr8687
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5420	ncr8302	5480	ncr8401	5540	ncr8490	5600	ncr8596	5660	ncr8692
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5426	ncr8311	5486	ncr8409	5546	ncr8498	5606	ncr8603	5666	ncr8701
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5428	ncr8314	5488	ncr8413	5548	ncr8500	5608	ncr8607	5668	ncr8703
5429	ncr8316	5489	ncr8414	5549	ncr8503	5609	ncr8609	5669	ncr8704
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5436	ncr8328	5496	ncr8423	5556	ncr8514	5616	ncr8619	5676	ncr8711
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5438	ncr8330	5498	ncr8426	5558	ncr8517	5618	ncr8621	5678	ncr8713
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5442	ncr8337	5502	ncr8433	5562	ncr8523	5622	ncr8627	5682	ncr8717
5443	ncr8340	5503	ncr8434	5563	ncr8524	5623	ncr8628	5683	ncr8719
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5446	ncr8343	5506	ncr8438	5566	ncr8529	5626	ncr8631	5686	ncr8723
5447	ncr8346	5507	ncr8439	5567	ncr8530	5627	ncr8633	5687	ncr8724
5448	ncr8347	5508	ncr8440	5568	ncr8532	5628	ncr8634	5688	ncr8725
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5451	ncr8350	5511	ncr8443	5571	ncr8537	5631	ncr8637	5691	ncr8728
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5453	ncr8352	5513	ncr8447	5573	ncr8539	5633	ncr8640	5693	ncr8732
5454	ncr8355	5514	ncr8448	5574	ncr8540	5634	ncr8645	5694	ncr8733
5455	ncr8356	5515	ncr8451	5575	ncr8542	5635	ncr8647	5695	ncr8734
5456	ncr8357	5516	ncr8452	5576	ncr8543	5636	ncr8648	5696	ncr8735
5457	ncr8360	5517	ncr8453	5577	ncr8544	5637	ncr8649	5697	ncr8736
5458	ncr8361	5518	ncr8456	5578	ncr8546	5638	ncr8651	5698	ncr8739
5459	ncr8363	5519	ncr8459	5579	ncr8547	5639	ncr8652	5699	ncr8741
5460	ncr8364	5520	ncr8463	5580	ncr8548	5640	ncr8655	5700	ncr8743

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5701	ncr8749	5761	ncr8843	5821	ncr8918	5881	ncr9004	5941	ncr9109
5702	ncr8751	5762	ncr8844	5822	ncr8919	5882	ncr9005	5942	ncr9110
5703	ncr8752	5763	ncr8845	5823	ncr8920	5883	ncr9008	5943	ncr9111
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5707	ncr8760	5767	ncr8849	5827	ncr8924	5887	ncr9015	5947	ncr9115
5708	ncr8761	5768	ncr8851	5828	ncr8926	5888	ncr9016	5948	ncr9116
5709	ncr8762	5769	ncr8852	5829	ncr8928	5889	ncr9018	5949	ncr9117
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5716	ncr8776	5776	ncr8860	5836	ncr8940	5896	ncr9031	5956	ncr9127
5717	ncr8779	5777	ncr8861	5837	ncr8941	5897	ncr9032	5957	ncr9129
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5719	ncr8782	5779	ncr8865	5839	ncr8945	5899	ncr9035	5959	ncr9133
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5723	ncr8790	5783	ncr8869	5843	ncr8953	5903	ncr9040	5963	ncr9140
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5726	ncr8793	5786	ncr8872	5846	ncr8960	5906	ncr9049	5966	ncr9147
5727	ncr8794	5787	ncr8874	5847	ncr8961	5907	ncr9050	5967	ncr9148
5728	ncr8795	5788	ncr8876	5848	ncr8962	5908	ncr9052	5968	ncr9149
5729	ncr8796	5789	ncr8877	5849	ncr8963	5909	ncr9053	5969	ncr9152
5730	ncr8797	5790	ncr8878	5850	ncr8964	5910	ncr9055	5970	ncr9153
5731	ncr8798	5791	ncr8879	5851	ncr8966	5911	ncr9056	5971	ncr9154
5732	ncr8799	5792	ncr8882	5852	ncr8967	5912	ncr9057	5972	ncr9155
5733	ncr8801	5793	ncr8883	5853	ncr8971	5913	ncr9059	5973	ncr9156
5734	ncr8802	5794	ncr8884	5854	ncr8973	5914	ncr9060	5974	ncr9157
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5736	ncr8804	5796	ncr8886	5856	ncr8975	5916	ncr9063	5976	ncr9160
5737	ncr8805	5797	ncr8887	5857	ncr8976	5917	ncr9064	5977	ncr9162
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5742	ncr8814	5802	ncr8893	5862	ncr8983	5922	ncr9076	5982	ncr9167
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5753	ncr8828	5813	ncr8908	5873	ncr8994	5933	ncr9096	5993	ncr9186
5754	ncr8829	5814	ncr8909	5874	ncr8995	5934	ncr9098	5994	ncr9191
5755	ncr8831	5815	ncr8910	5875	ncr8997	5935	ncr9101	5995	ncr9193
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5757	ncr8836	5817	ncr8912	5877	ncr9000	5937	ncr9103	5997	ncr9199
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5759	ncr8840	5819	ncr8914	5879	ncr9002	5939	ncr9107	5999	ncr9201
5760	ncr8841	5820	ncr8917	5880	ncr9003	5940	ncr9108	6000	ncr9202

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6001	ncr9203	6061	ncr9371	6121	ncr9463	6181	ncr9544	6241	ncr9625
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6004	ncr9208	6064	ncr9375	6124	ncr9466	6184	ncr9548	6244	ncr9629
6005	ncr9209	6065	ncr9376	6125	ncr9469	6185	ncr9549	6245	ncr9631
6006	ncr9211	6066	ncr9377	6126	ncr9470	6186	ncr9550	6246	ncr9632
6007	ncr9214	6067	ncr9378	6127	ncr9472	6187	ncr9551	6247	ncr9634
6008	ncr9215	6068	ncr9379	6128	ncr9473	6188	ncr9552	6248	ncr9635
6009	ncr9274	6069	ncr9381	6129	ncr9475	6189	ncr9553	6249	ncr9639
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6301	ncr9723	6361	ncr9816	6421	ncr9926	6481	ncrb0033	6541	ncrb0121
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6601	ncrb0200	6661	ncrb0295	6721	ncrb0383	6781	ncrb0471	6841	ncrb0573
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7201	ncrb1234	7261	ncrb1334	7321	ncrb1418	7381	ncrb1517	7441	ncrb1612
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10501	ncrb6557	10561	ncrb6644	10621	ncrb6744	10681	ncrb6841	10741	ncrb6929
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11401	ncrb7971	11461	ncrb8071	11521	ncrb8159	11581	ncrb8256	11641	ncrb8335
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11701	ncrb8423	11761	ncrb8516	11821	ncrb8614	11881	ncrb8709	11941	ncrb8803
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12049	ncrc0144	12109	ncrc0235	12169	ncrc0317	12229	ncrc0411	12289	ncrc0495
12050	ncrc0145	12110	ncrc0236	12170	ncrc0318	12230	ncrc0413	12290	ncrc0496
12051	ncrc0147	12111	ncrc0238	12171	ncrc0319	12231	ncrc0414	12291	ncrc0497
12052	ncrc0148	12112	ncrc0240	12172	ncrc0320	12232	ncrc0415	12292	ncrc0499
12053	ncrc0149	12113	ncrc0241	12173	ncrc0321	12233	ncrc0416	12293	ncrc0501
12054	ncrc0150	12114	ncrc0243	12174	ncrc0323	12234	ncrc0417	12294	ncrc0505
12055	ncrc0151	12115	ncrc0244	12175	ncrc0324	12235	ncrc0419	12295	ncrc0506
12056	ncrc0152	12116	ncrc0246	12176	ncrc0325	12236	ncrc0421	12296	ncrc0507
12057	ncrc0154	12117	ncrc0248	12177	ncrc0327	12237	ncrc0423	12297	ncrc0508
12058	ncrc0155	12118	ncrc0249	12178	ncrc0328	12238	ncrc0424	12298	ncrc0510
12059	ncrc0156	12119	ncrc0251	12179	ncrc0329	12239	ncrc0425	12299	ncrc0511
12060	ncrc0157	12120	ncrc0252	12180	ncrc0330	12240	ncrc0426	12300	ncrc0512

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12301	ncrc0513	12361	ncrc0606	12421	ncrc0699	12481	ncrc0798	12541	ncrc0876
12302	ncrc0515	12362	ncrc0608	12422	ncrc0700	12482	ncrc0799	12542	ncrc0878
12303	ncrc0516	12363	ncrc0610	12423	ncrc0701	12483	ncrc0800	12543	ncrc0880
12304	ncrc0519	12364	ncrc0611	12424	ncrc0703	12484	ncrc0801	12544	ncrc0883
12305	ncrc0521	12365	ncrc0612	12425	ncrc0704	12485	ncrc0802	12545	ncrc0885
12306	ncrc0523	12366	ncrc0614	12426	ncrc0708	12486	ncrc0803	12546	ncrc0889
12307	ncrc0524	12367	ncrc0617	12427	ncrc0709	12487	ncrc0804	12547	ncrc0891
12308	ncrc0527	12368	ncrc0618	12428	ncrc0714	12488	ncrc0805	12548	ncrc0894
12309	ncrc0528	12369	ncrc0623	12429	ncrc0715	12489	ncrc0807	12549	ncrc0899
12310	ncrc0529	12370	ncrc0624	12430	ncrc0718	12490	ncrc0809	12550	ncrc0900
12311	ncrc0531	12371	ncrc0625	12431	ncrc0720	12491	ncrc0810	12551	ncrc0901
12312	ncrc0532	12372	ncrc0627	12432	ncrc0721	12492	ncrc0811	12552	ncrc0904
12313	ncrc0533	12373	ncrc0628	12433	ncrc0723	12493	ncrc0813	12553	ncrc0905
12314	ncrc0534	12374	ncrc0629	12434	ncrc0725	12494	ncrc0814	12554	ncrc0906
12315	ncrc0535	12375	ncrc0630	12435	ncrc0726	12495	ncrc0816	12555	ncrc0907
12316	ncrc0537	12376	ncrc0632	12436	ncrc0728	12496	ncrc0817	12556	ncrc0908
12317	ncrc0538	12377	ncrc0633	12437	ncrc0729	12497	ncrc0819	12557	ncrc0910
12318	ncrc0539	12378	ncrc0635	12438	ncrc0730	12498	ncrc0820	12558	ncrc0912
12319	ncrc0540	12379	ncrc0636	12439	ncrc0731	12499	ncrc0821	12559	ncrc0913
12320	ncrc0544	12380	ncrc0639	12440	ncrc0732	12500	ncrc0822	12560	ncrc0915
12321	ncrc0545	12381	ncrc0640	12441	ncrc0733	12501	ncrc0823	12561	ncrc0916
12322	ncrc0547	12382	ncrc0641	12442	ncrc0734	12502	ncrc0825	12562	ncrc0917
12323	ncrc0548	12383	ncrc0643	12443	ncrc0735	12503	ncrc0826	12563	ncrc0918
12324	ncrc0549	12384	ncrc0644	12444	ncrc0737	12504	ncrc0827	12564	ncrc0919
12325	ncrc0550	12385	ncrc0645	12445	ncrc0739	12505	ncrc0828	12565	ncrc0920
12326	ncrc0551	12386	ncrc0646	12446	ncrc0741	12506	ncrc0829	12566	ncrc0922
12327	ncrc0552	12387	ncrc0647	12447	ncrc0742	12507	ncrc0830	12567	ncrc0924
12328	ncrc0553	12388	ncrc0649	12448	ncrc0743	12508	ncrc0832	12568	ncrc0925
12329	ncrc0554	12389	ncrc0650	12449	ncrc0744	12509	ncrc0835	12569	ncrc0926
12330	ncrc0555	12390	ncrc0651	12450	ncrc0747	12510	ncrc0836	12570	ncrc0928
12331	ncrc0556	12391	ncrc0653	12451	ncrc0748	12511	ncrc0837	12571	ncrc0932
12332	ncrc0557	12392	ncrc0654	12452	ncrc0749	12512	ncrc0838	12572	ncrc0933
12333	ncrc0558	12393	ncrc0655	12453	ncrc0750	12513	ncrc0839	12573	ncrc0934
12334	ncrc0561	12394	ncrc0656	12454	ncrc0751	12514	ncrc0841	12574	ncrc0936
12335	ncrc0562	12395	ncrc0658	12455	ncrc0752	12515	ncrc0842	12575	ncrc0940
12336	ncrc0563	12396	ncrc0659	12456	ncrc0753	12516	ncrc0843	12576	ncrc0942
12337	ncrc0564	12397	ncrc0660	12457	ncrc0755	12517	ncrc0844	12577	ncrc0944
12338	ncrc0568	12398	ncrc0661	12458	ncrc0756	12518	ncrc0846	12578	ncrc0945
12339	ncrc0569	12399	ncrc0663	12459	ncrc0759	12519	ncrc0847	12579	ncrc0947
12340	ncrc0570	12400	ncrc0664	12460	ncrc0763	12520	ncrc0848	12580	ncrc0948
12341	ncrc0571	12401	ncrc0665	12461	ncrc0764	12521	ncrc0849	12581	ncrc0949
12342	ncrc0572	12402	ncrc0666	12462	ncrc0765	12522	ncrc0851	12582	ncrc0951
12343	ncrc0573	12403	ncrc0667	12463	ncrc0766	12523	ncrc0852	12583	ncrc0952
12344	ncrc0574	12404	ncrc0668	12464	ncrc0767	12524	ncrc0853	12584	ncrc0953
12345	ncrc0576	12405	ncrc0669	12465	ncrc0768	12525	ncrc0855	12585	ncrc0954
12346	ncrc0579	12406	ncrc0670	12466	ncrc0770	12526	ncrc0856	12586	ncrc0955
12347	ncrc0580	12407	ncrc0671	12467	ncrc0771	12527	ncrc0857	12587	ncrc0956
12348	ncrc0583	12408	ncrc0672	12468	ncrc0774	12528	ncrc0858	12588	ncrc0958
12349	ncrc0584	12409	ncrc0674	12469	ncrc0777	12529	ncrc0860	12589	ncrc0959
12350	ncrc0585	12410	ncrc0675	12470	ncrc0778	12530	ncrc0861	12590	ncrc0960
12351	ncrc0588	12411	ncrc0676	12471	ncrc0780	12531	ncrc0862	12591	ncrc0961
12352	ncrc0591	12412	ncrc0681	12472	ncrc0783	12532	ncrc0863	12592	ncrc0963
12353	ncrc0592	12413	ncrc0682	12473	ncrc0784	12533	ncrc0864	12593	ncrc0964
12354	ncrc0595	12414	ncrc0684	12474	ncrc0785	12534	ncrc0865	12594	ncrc0965
12355	ncrc0597	12415	ncrc0688	12475	ncrc0788	12535	ncrc0867	12595	ncrc0967
12356	ncrc0599	12416	ncrc0689	12476	ncrc0792	12536	ncrc0868	12596	ncrc0968
12357	ncrc0601	12417	ncrc0691	12477	ncrc0793	12537	ncrc0871	12597	ncrc0971
12358	ncrc0602	12418	ncrc0693	12478	ncrc0794	12538	ncrc0872	12598	ncrc0972
12359	ncrc0604	12419	ncrc0695	12479	ncrc0796	12539	ncrc0873	12599	ncrc0973
12360	ncrc0605	12420	ncrc0696	12480	ncrc0797	12540	ncrc0875	12600	ncrc0974

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12601	ncrc0976	12661	ncrc1057	12721	ncrc1147	12781	ncrc1243	12841	ncrc1335
12602	ncrc0980	12662	ncrc1059	12722	ncrc1148	12782	ncrc1245	12842	ncrc1336
12603	ncrc0981	12663	ncrc1060	12723	ncrc1149	12783	ncrc1247	12843	ncrc1337
12604	ncrc0983	12664	ncrc1063	12724	ncrc1150	12784	ncrc1248	12844	ncrc1338
12605	ncrc0984	12665	ncrc1064	12725	ncrc1152	12785	ncrc1250	12845	ncrc1339
12606	ncrc0985	12666	ncrc1065	12726	ncrc1153	12786	ncrc1251	12846	ncrc1341
12607	ncrc0987	12667	ncrc1067	12727	ncrc1156	12787	ncrc1255	12847	ncrc1343
12608	ncrc0990	12668	ncrc1068	12728	ncrc1160	12788	ncrc1257	12848	ncrc1344
12609	ncrc0991	12669	ncrc1069	12729	ncrc1163	12789	ncrc1259	12849	ncrc1345
12610	ncrc0992	12670	ncrc1071	12730	ncrc1165	12790	ncrc1260	12850	ncrc1347
12611	ncrc0994	12671	ncrc1072	12731	ncrc1168	12791	ncrc1263	12851	ncrc1348
12612	ncrc0996	12672	ncrc1076	12732	ncrc1169	12792	ncrc1264	12852	ncrc1349
12613	ncrc0997	12673	ncrc1077	12733	ncrc1171	12793	ncrc1265	12853	ncrc1352
12614	ncrc0999	12674	ncrc1079	12734	ncrc1172	12794	ncrc1267	12854	ncrc1355
12615	ncrc1000	12675	ncrc1080	12735	ncrc1173	12795	ncrc1271	12855	ncrc1356
12616	ncrc1001	12676	ncrc1081	12736	ncrc1175	12796	ncrc1272	12856	ncrc1357
12617	ncrc1002	12677	ncrc1083	12737	ncrc1176	12797	ncrc1274	12857	ncrc1358
12618	ncrc1003	12678	ncrc1084	12738	ncrc1178	12798	ncrc1277	12858	ncrc1360
12619	ncrc1004	12679	ncrc1085	12739	ncrc1180	12799	ncrc1278	12859	ncrc1361
12620	ncrc1005	12680	ncrc1087	12740	ncrc1182	12800	ncrc1279	12860	ncrc1363
12621	ncrc1006	12681	ncrc1088	12741	ncrc1183	12801	ncrc1280	12861	ncrc1367
12622	ncrc1007	12682	ncrc1089	12742	ncrc1184	12802	ncrc1281	12862	ncrc1368
12623	ncrc1008	12683	ncrc1092	12743	ncrc1188	12803	ncrc1283	12863	ncrc1369
12624	ncrc1011	12684	ncrc1093	12744	ncrc1192	12804	ncrc1284	12864	ncrc1371
12625	ncrc1012	12685	ncrc1095	12745	ncrc1193	12805	ncrc1285	12865	ncrc1372
12626	ncrc1013	12686	ncrc1096	12746	ncrc1196	12806	ncrc1287	12866	ncrc1373
12627	ncrc1014	12687	ncrc1097	12747	ncrc1198	12807	ncrc1288	12867	ncrc1374
12628	ncrc1015	12688	ncrc1099	12748	ncrc1199	12808	ncrc1290	12868	ncrc1376
12629	ncrc1016	12689	ncrc1102	12749	ncrc1200	12809	ncrc1292	12869	ncrc1379
12630	ncrc1017	12690	ncrc1103	12750	ncrc1201	12810	ncrc1294	12870	ncrc1380
12631	ncrc1018	12691	ncrc1105	12751	ncrc1203	12811	ncrc1295	12871	ncrc1381
12632	ncrc1019	12692	ncrc1107	12752	ncrc1204	12812	ncrc1296	12872	ncrc1384
12633	ncrc1020	12693	ncrc1109	12753	ncrc1205	12813	ncrc1297	12873	ncrc1385
12634	ncrc1021	12694	ncrc1111	12754	ncrc1206	12814	ncrc1300	12874	ncrc1385
12635	ncrc1022	12695	ncrc1112	12755	ncrc1207	12815	ncrc1301	12875	ncrc1386
12636	ncrc1023	12696	ncrc1114	12756	ncrc1208	12816	ncrc1302	12876	ncrc1387
12637	ncrc1024	12697	ncrc1115	12757	ncrc1209	12817	ncrc1304	12877	ncrc1388
12638	ncrc1025	12698	ncrc1118	12758	ncrc1210	12818	ncrc1305	12878	ncrc1390
12639	ncrc1026	12699	ncrc1119	12759	ncrc1211	12819	ncrc1306	12879	ncrc1391
12640	ncrc1029	12700	ncrc1121	12760	ncrc1212	12820	ncrc1307	12880	ncrc1392
12641	ncrc1030	12701	ncrc1123	12761	ncrc1214	12821	ncrc1308	12881	ncrc1393
12642	ncrc1031	12702	ncrc1125	12762	ncrc1216	12822	ncrc1309	12882	ncrc1395
12643	ncrc1032	12703	ncrc1126	12763	ncrc1217	12823	ncrc1310	12883	ncrc1396
12644	ncrc1033	12704	ncrc1127	12764	ncrc1219	12824	ncrc1311	12884	ncrc1397
12645	ncrc1035	12705	ncrc1128	12765	ncrc1221	12825	ncrc1312	12885	ncrc1398
12646	ncrc1036	12706	ncrc1129	12766	ncrc1222	12826	ncrc1316	12886	ncrc1399
12647	ncrc1037	12707	ncrc1130	12767	ncrc1223	12827	ncrc1317	12887	ncrc1401
12648	ncrc1038	12708	ncrc1131	12768	ncrc1224	12828	ncrc1319	12888	ncrc1402
12649	ncrc1041	12709	ncrc1132	12769	ncrc1226	12829	ncrc1320	12889	ncrc1404
12650	ncrc1042	12710	ncrc1133	12770	ncrc1227	12830	ncrc1321	12890	ncrc1407
12651	ncrc1044	12711	ncrc1134	12771	ncrc1230	12831	ncrc1322	12891	ncrc1408
12652	ncrc1045	12712	ncrc1136	12772	ncrc1231	12832	ncrc1323	12892	ncrc1409
12653	ncrc1046	12713	ncrc1137	12773	ncrc1233	12833	ncrc1324	12893	ncrc1411
12654	ncrc1047	12714	ncrc1138	12774	ncrc1234	12834	ncrc1325	12894	ncrc1412
12655	ncrc1048	12715	ncrc1139	12775	ncrc1235	12835	ncrc1326	12895	ncrc1413
12656	ncrc1049	12716	ncrc1140	12776	ncrc1236	12836	ncrc1328	12896	ncrc1415
12657	ncrc1050	12717	ncrc1141	12777	ncrc1237	12837	ncrc1329	12897	ncrc1416
12658	ncrc1053	12718	ncrc1143	12778	ncrc1240	12838	ncrc1330	12898	ncrc1418
12659	ncrc1055	12719	ncrc1145	12779	ncrc1241	12839	ncrc1331	12899	ncrc1419
12660	ncrc1056	12720	ncrc1146	12780	ncrc1242	12840	ncrc1332	12900	ncrc1420

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12901	ncrc1421	12961	ncrc1515	13021	ncrc1600	13081	ncrc1690	13141	ncrc1784
12902	ncrc1423	12962	ncrc1516	13022	ncrc1602	13082	ncrc1691	13142	ncrc1785
12903	ncrc1424	12963	ncrc1517	13023	ncrc1603	13083	ncrc1692	13143	ncrc1786
12904	ncrc1425	12964	ncrc1518	13024	ncrc1605	13084	ncrc1693	13144	ncrc1787
12905	ncrc1426	12965	ncrc1519	13025	ncrc1606	13085	ncrc1694	13145	ncrc1788
12906	ncrc1427	12966	ncrc1520	13026	ncrc1607	13086	ncrc1696	13146	ncrc1791
12907	ncrc1428	12967	ncrc1521	13027	ncrc1608	13087	ncrc1699	13147	ncrc1792
12908	ncrc1429	12968	ncrc1523	13028	ncrc1609	13088	ncrc1700	13148	ncrc1795
12909	ncrc1431	12969	ncrc1524	13029	ncrc1610	13089	ncrc1701	13149	ncrc1798
12910	ncrc1434	12970	ncrc1525	13030	ncrc1611	13090	ncrc1702	13150	ncrc1799
12911	ncrc1436	12971	ncrc1527	13031	ncrc1612	13091	ncrc1703	13151	ncrc1800
12912	ncrc1437	12972	ncrc1529	13032	ncrc1613	13092	ncrc1704	13152	ncrc1801
12913	ncrc1438	12973	ncrc1530	13033	ncrc1615	13093	ncrc1706	13153	ncrc1804
12914	ncrc1439	12974	ncrc1531	13034	ncrc1616	13094	ncrc1707	13154	ncrc1805
12915	ncrc1440	12975	ncrc1532	13035	ncrc1617	13095	ncrc1708	13155	ncrc1806
12916	ncrc1441	12976	ncrc1533	13036	ncrc1619	13096	ncrc1709	13156	ncrc1807
12917	ncrc1442	12977	ncrc1535	13037	ncrc1620	13097	ncrc1710	13157	ncrc1808
12918	ncrc1444	12978	ncrc1536	13038	ncrc1621	13098	ncrc1711	13158	ncrc1809
12919	ncrc1447	12979	ncrc1537	13039	ncrc1623	13099	ncrc1712	13159	ncrc1810
12920	ncrc1449	12980	ncrc1538	13040	ncrc1624	13100	ncrc1713	13160	ncrc1811
12921	ncrc1451	12981	ncrc1540	13041	ncrc1625	13101	ncrc1714	13161	ncrc1812
12922	ncrc1452	12982	ncrc1543	13042	ncrc1627	13102	ncrc1716	13162	ncrc1815
12923	ncrc1455	12983	ncrc1544	13043	ncrc1628	13103	ncrc1717	13163	ncrc1816
12924	ncrc1456	12984	ncrc1547	13044	ncrc1629	13104	ncrc1719	13164	ncrc1817
12925	ncrc1457	12985	ncrc1549	13045	ncrc1630	13105	ncrc1722	13165	ncrc1819
12926	ncrc1460	12986	ncrc1551	13046	ncrc1631	13106	ncrc1723	13166	ncrc1820
12927	ncrc1463	12987	ncrc1553	13047	ncrc1632	13107	ncrc1724	13167	ncrc1821
12928	ncrc1465	12988	ncrc1555	13048	ncrc1633	13108	ncrc1725	13168	ncrc1824
12929	ncrc1467	12989	ncrc1556	13049	ncrc1634	13109	ncrc1727	13169	ncrc1825
12930	ncrc1469	12990	ncrc1559	13050	ncrc1635	13110	ncrc1728	13170	ncrc1827
12931	ncrc1471	12991	ncrc1561	13051	ncrc1636	13111	ncrc1735	13171	ncrc1828
12932	ncrc1472	12992	ncrc1562	13052	ncrc1639	13112	ncrc1736	13172	ncrc1831
12933	ncrc1473	12993	ncrc1563	13053	ncrc1641	13113	ncrc1737	13173	ncrc1832
12934	ncrc1475	12994	ncrc1564	13054	ncrc1643	13114	ncrc1740	13174	ncrc1833
12935	ncrc1480	12995	ncrc1565	13055	ncrc1644	13115	ncrc1742	13175	ncrc1835
12936	ncrc1481	12996	ncrc1566	13056	ncrc1645	13116	ncrc1743	13176	ncrc1836
12937	ncrc1482	12997	ncrc1567	13057	ncrc1647	13117	ncrc1744	13177	ncrc1837
12938	ncrc1483	12998	ncrc1568	13058	ncrc1648	13118	ncrc1745	13178	ncrc1839
12939	ncrc1484	12999	ncrc1569	13059	ncrc1649	13119	ncrc1747	13179	ncrc1843
12940	ncrc1486	13000	ncrc1571	13060	ncrc1651	13120	ncrc1748	13180	ncrc1844
12941	ncrc1487	13001	ncrc1572	13061	ncrc1652	13121	ncrc1749	13181	ncrc1845
12942	ncrc1489	13002	ncrc1573	13062	ncrc1653	13122	ncrc1751	13182	ncrc1847
12943	ncrc1491	13003	ncrc1576	13063	ncrc1657	13123	ncrc1754	13183	ncrc1848
12944	ncrc1492	13004	ncrc1577	13064	ncrc1659	13124	ncrc1756	13184	ncrc1849
12945	ncrc1493	13005	ncrc1578	13065	ncrc1661	13125	ncrc1758	13185	ncrc1852
12946	ncrc1495	13006	ncrc1580	13066	ncrc1662	13126	ncrc1759	13186	ncrc1853
12947	ncrc1496	13007	ncrc1582	13067	ncrc1663	13127	ncrc1760	13187	ncrc1854
12948	ncrc1497	13008	ncrc1583	13068	ncrc1665	13128	ncrc1761	13188	ncrc1855
12949	ncrc1498	13009	ncrc1587	13069	ncrc1667	13129	ncrc1763	13189	ncrc1856
12950	ncrc1500	13010	ncrc1588	13070	ncrc1668	13130	ncrc1764	13190	ncrc1857
12951	ncrc1501	13011	ncrc1589	13071	ncrc1669	13131	ncrc1765	13191	ncrc1859
12952	ncrc1502	13012	ncrc1590	13072	ncrc1671	13132	ncrc1767	13192	ncrc1860
12953	ncrc1503	13013	ncrc1591	13073	ncrc1675	13133	ncrc1768	13193	ncrc1861
12954	ncrc1504	13014	ncrc1592	13074	ncrc1678	13134	ncrc1772	13194	ncrc1864
12955	ncrc1505	13015	ncrc1593	13075	ncrc1679	13135	ncrc1775	13195	ncrc1867
12956	ncrc1508	13016	ncrc1595	13076	ncrc1680	13136	ncrc1776	13196	ncrc1868
12957	ncrc1509	13017	ncrc1596	13077	ncrc1681	13137	ncrc1777	13197	ncrc1870
12958	ncrc1510	13018	ncrc1597	13078	ncrc1683	13138	ncrc1779	13198	ncrc1871
12959	ncrc1511	13019	ncrc1598	13079	ncrc1684	13139	ncrc1780	13199	ncrc1872
12960	ncrc1513	13020	ncrc1599	13080	ncrc1687	13140	ncrc1783	13200	ncrc1873



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13201	ncrc1875	13261	ncrc1971	13321	ncrc2060	13381	ncrc2154	13441	ncrc2248
13202	ncrc1876	13262	ncrc1973	13322	ncrc2063	13382	ncrc2155	13442	ncrc2250
13203	ncrc1877	13263	ncrc1975	13323	ncrc2064	13383	ncrc2156	13443	ncrc2251
13204	ncrc1878	13264	ncrc1976	13324	ncrc2065	13384	ncrc2158	13444	ncrc2252
13205	ncrc1879	13265	ncrc1977	13325	ncrc2067	13385	ncrc2160	13445	ncrc2254
13206	ncrc1880	13266	ncrc1980	13326	ncrc2068	13386	ncrc2161	13446	ncrc2257
13207	ncrc1881	13267	ncrc1981	13327	ncrc2069	13387	ncrc2164	13447	ncrc2259
13208	ncrc1883	13268	ncrc1982	13328	ncrc2070	13388	ncrc2165	13448	ncrc2260
13209	ncrc1884	13269	ncrc1985	13329	ncrc2071	13389	ncrc2166	13449	ncrc2261
13210	ncrc1885	13270	ncrc1986	13330	ncrc2072	13390	ncrc2168	13450	ncrc2262
13211	ncrc1886	13271	ncrc1988	13331	ncrc2073	13391	ncrc2171	13451	ncrc2263
13212	ncrc1887	13272	ncrc1989	13332	ncrc2074	13392	ncrc2172	13452	ncrc2265
13213	ncrc1888	13273	ncrc1990	13333	ncrc2075	13393	ncrc2173	13453	ncrc2266
13214	ncrc1889	13274	ncrc1991	13334	ncrc2076	13394	ncrc2175	13454	ncrc2267
13215	ncrc1891	13275	ncrc1992	13335	ncrc2078	13395	ncrc2176	13455	ncrc2268
13216	ncrc1892	13276	ncrc1993	13336	ncrc2079	13396	ncrc2177	13456	ncrc2270
13217	ncrc1893	13277	ncrc1995	13337	ncrc2080	13397	ncrc2179	13457	ncrc2271
13218	ncrc1894	13278	ncrc1996	13338	ncrc2082	13398	ncrc2180	13458	ncrc2272
13219	ncrc1896	13279	ncrc1997	13339	ncrc2085	13399	ncrc2181	13459	ncrc2273
13220	ncrc1899	13280	ncrc1999	13340	ncrc2086	13400	ncrc2182	13460	ncrc2273
13221	ncrc1900	13281	ncrc2000	13341	ncrc2087	13401	ncrc2183	13461	ncrc2277
13222	ncrc1901	13282	ncrc2003	13342	ncrc2090	13402	ncrc2185	13462	ncrc2278
13223	ncrc1902	13283	ncrc2004	13343	ncrc2091	13403	ncrc2186	13463	ncrc2279
13224	ncrc1903	13284	ncrc2005	13344	ncrc2092	13404	ncrc2187	13464	ncrc2280
13225	ncrc1904	13285	ncrc2007	13345	ncrc2093	13405	ncrc2189	13465	ncrc2281
13226	ncrc1905	13286	ncrc2008	13346	ncrc2096	13406	ncrc2191	13466	ncrc2282
13227	ncrc1906	13287	ncrc2010	13347	ncrc2097	13407	ncrc2192	13467	ncrc2283
13228	ncrc1907	13288	ncrc2011	13348	ncrc2098	13408	ncrc2193	13468	ncrc2284
13229	ncrc1909	13289	ncrc2013	13349	ncrc2099	13409	ncrc2195	13469	ncrc2285
13230	ncrc1912	13290	ncrc2014	13350	ncrc2103	13410	ncrc2196	13470	ncrc2286
13231	ncrc1913	13291	ncrc2015	13351	ncrc2106	13411	ncrc2199	13471	ncrc2287
13232	ncrc1914	13292	ncrc2016	13352	ncrc2108	13412	ncrc2201	13472	ncrc2288
13233	ncrc1915	13293	ncrc2017	13353	ncrc2110	13413	ncrc2202	13473	ncrc2289
13234	ncrc1916	13294	ncrc2018	13354	ncrc2111	13414	ncrc2203	13474	ncrc2290
13235	ncrc1917	13295	ncrc2019	13355	ncrc2112	13415	ncrc2204	13475	ncrc2292
13236	ncrc1918	13296	ncrc2020	13356	ncrc2113	13416	ncrc2205	13476	ncrc2293
13237	ncrc1919	13297	ncrc2024	13357	ncrc2114	13417	ncrc2206	13477	ncrc2295
13238	ncrc1920	13298	ncrc2025	13358	ncrc2119	13418	ncrc2207	13478	ncrc2296
13239	ncrc1921	13299	ncrc2027	13359	ncrc2120	13419	ncrc2208	13479	ncrc2298
13240	ncrc1923	13300	ncrc2031	13360	ncrc2121	13420	ncrc2209	13480	ncrc2299
13241	ncrc1924	13301	ncrc2035	13361	ncrc2123	13421	ncrc2210	13481	ncrc2300
13242	ncrc1927	13302	ncrc2036	13362	ncrc2124	13422	ncrc2211	13482	ncrc2302
13243	ncrc1929	13303	ncrc2037	13363	ncrc2128	13423	ncrc2215	13483	ncrc2303
13244	ncrc1937	13304	ncrc2039	13364	ncrc2129	13424	ncrc2219	13484	ncrc2304
13245	ncrc1939	13305	ncrc2040	13365	ncrc2131	13425	ncrc2220	13485	ncrc2305
13246	ncrc1941	13306	ncrc2041	13366	ncrc2132	13426	ncrc2224	13486	ncrc2306
13247	ncrc1944	13307	ncrc2042	13367	ncrc2133	13427	ncrc2225	13487	ncrc2307
13248	ncrc1945	13308	ncrc2043	13368	ncrc2135	13428	ncrc2227	13488	ncrc2308
13249	ncrc1946	13309	ncrc2044	13369	ncrc2137	13429	ncrc2232	13489	ncrc2311
13250	ncrc1947	13310	ncrc2045	13370	ncrc2139	13430	ncrc2233	13490	ncrc2313
13251	ncrc1949	13311	ncrc2047	13371	ncrc2140	13431	ncrc2234	13491	ncrc2315
13252	ncrc1951	13312	ncrc2048	13372	ncrc2141	13432	ncrc2235	13492	ncrc2316
13253	ncrc1952	13313	ncrc2049	13373	ncrc2142	13433	ncrc2236	13493	ncrc2317
13254	ncrc1956	13314	ncrc2051	13374	ncrc2144	13434	ncrc2237	13494	ncrc2318
13255	ncrc1959	13315	ncrc2052	13375	ncrc2145	13435	ncrc2239	13495	ncrc2319
13256	ncrc1960	13316	ncrc2055	13376	ncrc2147	13436	ncrc2240	13496	ncrc2320
13257	ncrc1963	13317	ncrc2056	13377	ncrc2149	13437	ncrc2241	13497	ncrc2321
13258	ncrc1967	13318	ncrc2057	13378	ncrc2151	13438	ncrc2243	13498	ncrc2323
13259	ncrc1968	13319	ncrc2058	13379	ncrc2152	13439	ncrc2244	13499	ncrc2324
13260	ncrc1969	13320	ncrc2059	13380	ncrc2153	13440	ncrc2247	13500	ncrc2325



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13501	ncrc2327	13561	ncrc2429	13621	ncrc2511	13681	ncrc2609	13741	ncrc2696
13502	ncrc2330	13562	ncrc2430	13622	ncrc2512	13682	ncrc2611	13742	ncrc2699
13503	ncrc2332	13563	ncrc2432	13623	ncrc2513	13683	ncrc2612	13743	ncrc2700
13504	ncrc2333	13564	ncrc2433	13624	ncrc2515	13684	ncrc2613	13744	ncrc2701
13505	ncrc2341	13565	ncrc2437	13625	ncrc2516	13685	ncrc2617	13745	ncrc2702
13506	ncrc2347	13566	ncrc2439	13626	ncrc2517	13686	ncrc2618	13746	ncrc2704
13507	ncrc2348	13567	ncrc2440	13627	ncrc2519	13687	ncrc2619	13747	ncrc2705
13508	ncrc2355	13568	ncrc2441	13628	ncrc2521	13688	ncrc2620	13748	ncrc2708
13509	ncrc2356	13569	ncrc2442	13629	ncrc2522	13689	ncrc2621	13749	ncrc2709
13510	ncrc2357	13570	ncrc2443	13630	ncrc2523	13690	ncrc2622	13750	ncrc2711
13511	ncrc2359	13571	ncrc2444	13631	ncrc2524	13691	ncrc2625	13751	ncrc2712
13512	ncrc2360	13572	ncrc2446	13632	ncrc2528	13692	ncrc2627	13752	ncrc2713
13513	ncrc2363	13573	ncrc2447	13633	ncrc2529	13693	ncrc2628	13753	ncrc2715
13514	ncrc2365	13574	ncrc2448	13634	ncrc2531	13694	ncrc2631	13754	ncrc2716
13515	ncrc2366	13575	ncrc2451	13635	ncrc2532	13695	ncrc2632	13755	ncrc2718
13516	ncrc2367	13576	ncrc2452	13636	ncrc2533	13696	ncrc2633	13756	ncrc2719
13517	ncrc2368	13577	ncrc2453	13637	ncrc2535	13697	ncrc2635	13757	ncrc2720
13518	ncrc2369	13578	ncrc2454	13638	ncrc2536	13698	ncrc2638	13758	ncrc2724
13519	ncrc2371	13579	ncrc2458	13639	ncrc2537	13699	ncrc2639	13759	ncrc2725
13520	ncrc2374	13580	ncrc2459	13640	ncrc2538	13700	ncrc2641	13760	ncrc2727
13521	ncrc2375	13581	ncrc2460	13641	ncrc2539	13701	ncrc2643	13761	ncrc2729
13522	ncrc2376	13582	ncrc2461	13642	ncrc2540	13702	ncrc2644	13762	ncrc2730
13523	ncrc2377	13583	ncrc2462	13643	ncrc2542	13703	ncrc2645	13763	ncrc2731
13524	ncrc2378	13584	ncrc2463	13644	ncrc2551	13704	ncrc2647	13764	ncrc2733
13525	ncrc2379	13585	ncrc2464	13645	ncrc2553	13705	ncrc2648	13765	ncrc2734
13526	ncrc2380	13586	ncrc2466	13646	ncrc2555	13706	ncrc2649	13766	ncrc2735
13527	ncrc2381	13587	ncrc2467	13647	ncrc2556	13707	ncrc2650	13767	ncrc2736
13528	ncrc2382	13588	ncrc2468	13648	ncrc2557	13708	ncrc2654	13768	ncrc2744
13529	ncrc2383	13589	ncrc2469	13649	ncrc2558	13709	ncrc2655	13769	ncrc2745
13530	ncrc2384	13590	ncrc2470	13650	ncrc2560	13710	ncrc2656	13770	ncrc2746
13531	ncrc2387	13591	ncrc2471	13651	ncrc2563	13711	ncrc2657	13771	ncrc2747
13532	ncrc2388	13592	ncrc2472	13652	ncrc2564	13712	ncrc2659	13772	ncrc2748
13533	ncrc2391	13593	ncrc2474	13653	ncrc2567	13713	ncrc2661	13773	ncrc2749
13534	ncrc2392	13594	ncrc2475	13654	ncrc2568	13714	ncrc2662	13774	ncrc2752
13535	ncrc2393	13595	ncrc2476	13655	ncrc2569	13715	ncrc2663	13775	ncrc2756
13536	ncrc2394	13596	ncrc2477	13656	ncrc2571	13716	ncrc2665	13776	ncrc2758
13537	ncrc2395	13597	ncrc2478	13657	ncrc2572	13717	ncrc2666	13777	ncrc2759
13538	ncrc2396	13598	ncrc2480	13658	ncrc2575	13718	ncrc2667	13778	ncrc2760
13539	ncrc2397	13599	ncrc2481	13659	ncrc2576	13719	ncrc2668	13779	ncrc2761
13540	ncrc2400	13600	ncrc2482	13660	ncrc2577	13720	ncrc2669	13780	ncrc2762
13541	ncrc2401	13601	ncrc2483	13661	ncrc2578	13721	ncrc2670	13781	ncrc2763
13542	ncrc2402	13602	ncrc2484	13662	ncrc2579	13722	ncrc2671	13782	ncrc2765
13543	ncrc2403	13603	ncrc2485	13663	ncrc2580	13723	ncrc2673	13783	ncrc2768
13544	ncrc2404	13604	ncrc2488	13664	ncrc2581	13724	ncrc2674	13784	ncrc2769
13545	ncrc2407	13605	ncrc2490	13665	ncrc2583	13725	ncrc2675	13785	ncrc2771
13546	ncrc2408	13606	ncrc2491	13666	ncrc2584	13726	ncrc2676	13786	ncrc2772
13547	ncrc2409	13607	ncrc2492	13667	ncrc2585	13727	ncrc2677	13787	ncrc2775
13548	ncrc2411	13608	ncrc2493	13668	ncrc2586	13728	ncrc2680	13788	ncrc2776
13549	ncrc2412	13609	ncrc2494	13669	ncrc2587	13729	ncrc2681	13789	ncrc2779
13550	ncrc2413	13610	ncrc2495	13670	ncrc2588	13730	ncrc2682	13790	ncrc2780
13551	ncrc2415	13611	ncrc2496	13671	ncrc2590	13731	ncrc2683	13791	ncrc2784
13552	ncrc2416	13612	ncrc2497	13672	ncrc2591	13732	ncrc2685	13792	ncrc2785
13553	ncrc2417	13613	ncrc2499	13673	ncrc2592	13733	ncrc2686	13793	ncrc2786
13554	ncrc2421	13614	ncrc2500	13674	ncrc2593	13734	ncrc2687	13794	ncrc2788
13555	ncrc2423	13615	ncrc2503	13675	ncrc2595	13735	ncrc2689	13795	ncrc2791
13556	ncrc2424	13616	ncrc2504	13676	ncrc2596	13736	ncrc2690	13796	ncrc2793
13557	ncrc2425	13617	ncrc2505	13677	ncrc2600	13737	ncrc2691	13797	ncrc2795
13558	ncrc2426	13618	ncrc2507	13678	ncrc2601	13738	ncrc2692	13798	ncrc2796
13559	ncrc2427	13619	ncrc2508	13679	ncrc2603	13739	ncrc2693	13799	ncrc2799
13560	ncrc2428	13620	ncrc2509	13680	ncrc2607	13740	ncrc2695	13800	ncrc2800

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13801	ncrc2801	13861	ncrc2893	13921	ncrc2985	13981	ncrc3072	14041	ncrc3161
13802	ncrc2804	13862	ncrc2894	13922	ncrc2988	13982	ncrc3073	14042	ncrc3165
13803	ncrc2807	13863	ncrc2895	13923	ncrc2989	13983	ncrc3074	14043	ncrc3167
13804	ncrc2808	13864	ncrc2896	13924	ncrc2991	13984	ncrc3075	14044	ncrc3168
13805	ncrc2811	13865	ncrc2897	13925	ncrc2993	13985	ncrc3076	14045	ncrc3169
13806	ncrc2812	13866	ncrc2900	13926	ncrc2995	13986	ncrc3079	14046	ncrc3171
13807	ncrc2813	13867	ncrc2904	13927	ncrc2997	13987	ncrc3080	14047	ncrc3172
13808	ncrc2814	13868	ncrc2905	13928	ncrc2999	13988	ncrc3083	14048	ncrc3175
13809	ncrc2815	13869	ncrc2907	13929	ncrc3002	13989	ncrc3084	14049	ncrc3177
13810	ncrc2816	13870	ncrc2909	13930	ncrc3003	13990	ncrc3085	14050	ncrc3179
13811	ncrc2817	13871	ncrc2910	13931	ncrc3004	13991	ncrc3086	14051	ncrc3180
13812	ncrc2819	13872	ncrc2911	13932	ncrc3005	13992	ncrc3087	14052	ncrc3181
13813	ncrc2820	13873	ncrc2912	13933	ncrc3007	13993	ncrc3089	14053	ncrc3188
13814	ncrc2821	13874	ncrc2913	13934	ncrc3008	13994	ncrc3091	14054	ncrc3193
13815	ncrc2824	13875	ncrc2916	13935	ncrc3009	13995	ncrc3092	14055	ncrc3194
13816	ncrc2825	13876	ncrc2917	13936	ncrc3011	13996	ncrc3093	14056	ncrc3195
13817	ncrc2826	13877	ncrc2919	13937	ncrc3012	13997	ncrc3095	14057	ncrc3196
13818	ncrc2827	13878	ncrc2920	13938	ncrc3013	13998	ncrc3096	14058	ncrc3197
13819	ncrc2828	13879	ncrc2921	13939	ncrc3016	13999	ncrc3097	14059	ncrc3198
13820	ncrc2829	13880	ncrc2922	13940	ncrc3018	14000	ncrc3098	14060	ncrc3199
13821	ncrc2830	13881	ncrc2923	13941	ncrc3020	14001	ncrc3100	14061	ncrc3200
13822	ncrc2831	13882	ncrc2924	13942	ncrc3022	14002	ncrc3102	14062	ncrc3201
13823	ncrc2832	13883	ncrc2926	13943	ncrc3023	14003	ncrc3103	14063	ncrc3203
13824	ncrc2833	13884	ncrc2927	13944	ncrc3025	14004	ncrc3104	14064	ncrc3204
13825	ncrc2835	13885	ncrc2928	13945	ncrc3027	14005	ncrc3107	14065	ncrc3207
13826	ncrc2836	13886	ncrc2929	13946	ncrc3028	14006	ncrc3108	14066	ncrc3208
13827	ncrc2839	13887	ncrc2933	13947	ncrc3029	14007	ncrc3111	14067	ncrc3211
13828	ncrc2840	13888	ncrc2935	13948	ncrc3030	14008	ncrc3112	14068	ncrc3214
13829	ncrc2841	13889	ncrc2937	13949	ncrc3031	14009	ncrc3114	14069	ncrc3215
13830	ncrc2842	13890	ncrc2938	13950	ncrc3033	14010	ncrc3115	14070	ncrc3216
13831	ncrc2847	13891	ncrc2939	13951	ncrc3034	14011	ncrc3116	14071	ncrc3217
13832	ncrc2848	13892	ncrc2940	13952	ncrc3035	14012	ncrc3119	14072	ncrc3219
13833	ncrc2849	13893	ncrc2941	13953	ncrc3036	14013	ncrc3120	14073	ncrc3220
13834	ncrc2850	13894	ncrc2942	13954	ncrc3039	14014	ncrc3121	14074	ncrc3223
13835	ncrc2852	13895	ncrc2943	13955	ncrc3040	14015	ncrc3124	14075	ncrc3225
13836	ncrc2853	13896	ncrc2944	13956	ncrc3041	14016	ncrc3126	14076	ncrc3226
13837	ncrc2855	13897	ncrc2945	13957	ncrc3043	14017	ncrc3127	14077	ncrc3227
13838	ncrc2856	13898	ncrc2948	13958	ncrc3044	14018	ncrc3128	14078	ncrc3228
13839	ncrc2857	13899	ncrc2949	13959	ncrc3045	14019	ncrc3129	14079	ncrc3230
13840	ncrc2859	13900	ncrc2950	13960	ncrc3046	14020	ncrc3130	14080	ncrc3231
13841	ncrc2861	13901	ncrc2953	13961	ncrc3047	14021	ncrc3131	14081	ncrc3233
13842	ncrc2862	13902	ncrc2955	13962	ncrc3049	14022	ncrc3132	14082	ncrc3235
13843	ncrc2863	13903	ncrc2956	13963	ncrc3050	14023	ncrc3133	14083	ncrc3236
13844	ncrc2864	13904	ncrc2957	13964	ncrc3051	14024	ncrc3135	14084	ncrc3237
13845	ncrc2865	13905	ncrc2958	13965	ncrc3052	14025	ncrc3136	14085	ncrc3238
13846	ncrc2868	13906	ncrc2959	13966	ncrc3053	14026	ncrc3137	14086	ncrc3240
13847	ncrc2869	13907	ncrc2960	13967	ncrc3054	14027	ncrc3141	14087	ncrc3241
13848	ncrc2871	13908	ncrc2961	13968	ncrc3055	14028	ncrc3144	14088	ncrc3242
13849	ncrc2872	13909	ncrc2963	13969	ncrc3056	14029	ncrc3145	14089	ncrc3243
13850	ncrc2873	13910	ncrc2965	13970	ncrc3057	14030	ncrc3148	14090	ncrc3244
13851	ncrc2874	13911	ncrc2967	13971	ncrc3059	14031	ncrc3149	14091	ncrc3245
13852	ncrc2876	13912	ncrc2968	13972	ncrc3060	14032	ncrc3150	14092	ncrc3246
13853	ncrc2878	13913	ncrc2969	13973	ncrc3061	14033	ncrc3151	14093	ncrc3248
13854	ncrc2879	13914	ncrc2970	13974	ncrc3063	14034	ncrc3152	14094	ncrc3250
13855	ncrc2880	13915	ncrc2971	13975	ncrc3065	14035	ncrc3153	14095	ncrc3252
13856	ncrc2881	13916	ncrc2972	13976	ncrc3066	14036	ncrc3154	14096	ncrc3253
13857	ncrc2884	13917	ncrc2974	13977	ncrc3067	14037	ncrc3155	14097	ncrc3255
13858	ncrc2887	13918	ncrc2975	13978	ncrc3068	14038	ncrc3156	14098	ncrc3256
13859	ncrc2888	13919	ncrc2976	13979	ncrc3070	14039	ncrc3157	14099	ncrc3257
13860	ncrc2891	13920	ncrc2984	13980	ncrc3071	14040	ncrc3159	14100	ncrc3258

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14101	ncrc3259	14161	ncrc3358	14221	ncrc3451	14281	ncrc3544	14341	ncrc3641
14102	ncrc3260	14162	ncrc3359	14222	ncrc3452	14282	ncrc3546	14342	ncrc3642
14103	ncrc3263	14163	ncrc3360	14223	ncrc3453	14283	ncrc3547	14343	ncrc3643
14104	ncrc3268	14164	ncrc3361	14224	ncrc3454	14284	ncrc3548	14344	ncrc3644
14105	ncrc3271	14165	ncrc3362	14225	ncrc3455	14285	ncrc3549	14345	ncrc3645
14106	ncrc3272	14166	ncrc3364	14226	ncrc3456	14286	ncrc3550	14346	ncrc3646
14107	ncrc3276	14167	ncrc3367	14227	ncrc3457	14287	ncrc3551	14347	ncrc3647
14108	ncrc3277	14168	ncrc3369	14228	ncrc3459	14288	ncrc3552	14348	ncrc3648
14109	ncrc3279	14169	ncrc3372	14229	ncrc3460	14289	ncrc3554	14349	ncrc3650
14110	ncrc3281	14170	ncrc3375	14230	ncrc3461	14290	ncrc3556	14350	ncrc3651
14111	ncrc3283	14171	ncrc3376	14231	ncrc3462	14291	ncrc3559	14351	ncrc3652
14112	ncrc3285	14172	ncrc3377	14232	ncrc3463	14292	ncrc3560	14352	ncrc3655
14113	ncrc3287	14173	ncrc3380	14233	ncrc3464	14293	ncrc3563	14353	ncrc3656
14114	ncrc3288	14174	ncrc3381	14234	ncrc3465	14294	ncrc3564	14354	ncrc3657
14115	ncrc3289	14175	ncrc3383	14235	ncrc3467	14295	ncrc3568	14355	ncrc3661
14116	ncrc3290	14176	ncrc3387	14236	ncrc3468	14296	ncrc3569	14356	ncrc3664
14117	ncrc3291	14177	ncrc3388	14237	ncrc3469	14297	ncrc3571	14357	ncrc3667
14118	ncrc3292	14178	ncrc3389	14238	ncrc3471	14298	ncrc3573	14358	ncrc3671
14119	ncrc3295	14179	ncrc3390	14239	ncrc3473	14299	ncrc3575	14359	ncrc3672
14120	ncrc3296	14180	ncrc3391	14240	ncrc3475	14300	ncrc3576	14360	ncrc3676
14121	ncrc3299	14181	ncrc3392	14241	ncrc3479	14301	ncrc3577	14361	ncrc3677
14122	ncrc3300	14182	ncrc3393	14242	ncrc3480	14302	ncrc3579	14362	ncrc3678
14123	ncrc3301	14183	ncrc3395	14243	ncrc3487	14303	ncrc3581	14363	ncrc3679
14124	ncrc3303	14184	ncrc3396	14244	ncrc3488	14304	ncrc3582	14364	ncrc3680
14125	ncrc3304	14185	ncrc3400	14245	ncrc3489	14305	ncrc3585	14365	ncrc3681
14126	ncrc3305	14186	ncrc3401	14246	ncrc3491	14306	ncrc3587	14366	ncrc3683
14127	ncrc3306	14187	ncrc3403	14247	ncrc3493	14307	ncrc3589	14367	ncrc3684
14128	ncrc3307	14188	ncrc3404	14248	ncrc3495	14308	ncrc3593	14368	ncrc3685
14129	ncrc3310	14189	ncrc3407	14249	ncrc3496	14309	ncrc3594	14369	ncrc3688
14130	ncrc3312	14190	ncrc3408	14250	ncrc3497	14310	ncrc3595	14370	ncrc3689
14131	ncrc3313	14191	ncrc3409	14251	ncrc3499	14311	ncrc3596	14371	ncrc3690
14132	ncrc3315	14192	ncrc3413	14252	ncrc3500	14312	ncrc3598	14372	ncrc3691
14133	ncrc3316	14193	ncrc3415	14253	ncrc3503	14313	ncrc3599	14373	ncrc3692
14134	ncrc3317	14194	ncrc3416	14254	ncrc3504	14314	ncrc3601	14374	ncrc3695
14135	ncrc3318	14195	ncrc3417	14255	ncrc3505	14315	ncrc3604	14375	ncrc3697
14136	ncrc3319	14196	ncrc3418	14256	ncrc3507	14316	ncrc3605	14376	ncrc3699
14137	ncrc3321	14197	ncrc3419	14257	ncrc3508	14317	ncrc3606	14377	ncrc3700
14138	ncrc3324	14198	ncrc3421	14258	ncrc3509	14318	ncrc3607	14378	ncrc3701
14139	ncrc3325	14199	ncrc3422	14259	ncrc3513	14319	ncrc3609	14379	ncrc3702
14140	ncrc3326	14200	ncrc3423	14260	ncrc3514	14320	ncrc3610	14380	ncrc3703
14141	ncrc3327	14201	ncrc3424	14261	ncrc3515	14321	ncrc3611	14381	ncrc3704
14142	ncrc3328	14202	ncrc3425	14262	ncrc3516	14322	ncrc3613	14382	ncrc3705
14143	ncrc3330	14203	ncrc3427	14263	ncrc3518	14323	ncrc3616	14383	ncrc3706
14144	ncrc3332	14204	ncrc3428	14264	ncrc3520	14324	ncrc3617	14384	ncrc3707
14145	ncrc3334	14205	ncrc3429	14265	ncrc3521	14325	ncrc3620	14385	ncrc3708
14146	ncrc3335	14206	ncrc3431	14266	ncrc3523	14326	ncrc3621	14386	ncrc3709
14147	ncrc3336	14207	ncrc3432	14267	ncrc3524	14327	ncrc3622	14387	ncrc3710
14148	ncrc3338	14208	ncrc3433	14268	ncrc3525	14328	ncrc3623	14388	ncrc3712
14149	ncrc3341	14209	ncrc3434	14269	ncrc3526	14329	ncrc3624	14389	ncrc3713
14150	ncrc3342	14210	ncrc3435	14270	ncrc3529	14330	ncrc3625	14390	ncrc3715
14151	ncrc3343	14211	ncrc3436	14271	ncrc3530	14331	ncrc3626	14391	ncrc3717
14152	ncrc3344	14212	ncrc3437	14272	ncrc3532	14332	ncrc3628	14392	ncrc3718
14153	ncrc3345	14213	ncrc3439	14273	ncrc3534	14333	ncrc3630	14393	ncrc3719
14154	ncrc3347	14214	ncrc3440	14274	ncrc3535	14334	ncrc3631	14394	ncrc3720
14155	ncrc3349	14215	ncrc3442	14275	ncrc3536	14335	ncrc3632	14395	ncrc3721
14156	ncrc3351	14216	ncrc3443	14276	ncrc3537	14336	ncrc3633	14396	ncrc3722
14157	ncrc3352	14217	ncrc3444	14277	ncrc3538	14337	ncrc3634	14397	ncrc3723
14158	ncrc3354	14218	ncrc3445	14278	ncrc3540	14338	ncrc3635	14398	ncrc3724
14159	ncrc3355	14219	ncrc3447	14279	ncrc3541	14339	ncrc3637	14399	ncrc3725
14160	ncrc3356	14220	ncrc3449	14280	ncrc3543	14340	ncrc3640	14400	ncrc3727

14401	ncrc3728	14461	ncrc3827	14521	ncrc3916	14581	ncrc4011	14641	ncrc4101
14402	ncrc3731	14462	ncrc3828	14522	ncrc3917	14582	ncrc4012	14642	ncrc4102
14403	ncrc3733	14463	ncrc3829	14523	ncrc3918	14583	ncrc4014	14643	ncrc4103
14404	ncrc3735	14464	ncrc3832	14524	ncrc3919	14584	ncrc4015	14644	ncrc4104
14405	ncrc3736	14465	ncrc3833	14525	ncrc3920	14585	ncrc4016	14645	ncrc4105
14406	ncrc3737	14466	ncrc3837	14526	ncrc3921	14586	ncrc4017	14646	ncrc4106
14407	ncrc3738	14467	ncrc3838	14527	ncrc3922	14587	ncrc4020	14647	ncrc4107
14408	ncrc3740	14468	ncrc3839	14528	ncrc3923	14588	ncrc4021	14648	ncrc4108
14409	ncrc3743	14469	ncrc3840	14529	ncrc3925	14589	ncrc4023	14649	ncrc4109
14410	ncrc3744	14470	ncrc3841	14530	ncrc3927	14590	ncrc4024	14650	ncrc4111
14411	ncrc3748	14471	ncrc3842	14531	ncrc3928	14591	ncrc4025	14651	ncrc4112
14412	ncrc3749	14472	ncrc3844	14532	ncrc3930	14592	ncrc4026	14652	ncrc4113
14413	ncrc3750	14473	ncrc3847	14533	ncrc3932	14593	ncrc4027	14653	ncrc4114
14414	ncrc3751	14474	ncrc3849	14534	ncrc3933	14594	ncrc4028	14654	ncrc4116
14415	ncrc3752	14475	ncrc3851	14535	ncrc3934	14595	ncrc4029	14655	ncrc4117
14416	ncrc3753	14476	ncrc3852	14536	ncrc3935	14596	ncrc4030	14656	ncrc4119
14417	ncrc3754	14477	ncrc3853	14537	ncrc3935	14597	ncrc4032	14657	ncrc4120
14418	ncrc3755	14478	ncrc3855	14538	ncrc3936	14598	ncrc4033	14658	ncrc4121
14419	ncrc3756	14479	ncrc3856	14539	ncrc3937	14599	ncrc4034	14659	ncrc4122
14420	ncrc3757	14480	ncrc3857	14540	ncrc3938	14600	ncrc4036	14660	ncrc4123
14421	ncrc3759	14481	ncrc3859	14541	ncrc3939	14601	ncrc4040	14661	ncrc4124
14422	ncrc3761	14482	ncrc3860	14542	ncrc3945	14602	ncrc4041	14662	ncrc4125
14423	ncrc3762	14483	ncrc3861	14543	ncrc3952	14603	ncrc4043	14663	ncrc4128
14424	ncrc3763	14484	ncrc3863	14544	ncrc3953	14604	ncrc4044	14664	ncrc4129
14425	ncrc3764	14485	ncrc3864	14545	ncrc3955	14605	ncrc4045	14665	ncrc4130
14426	ncrc3765	14486	ncrc3865	14546	ncrc3956	14606	ncrc4047	14666	ncrc4131
14427	ncrc3766	14487	ncrc3866	14547	ncrc3957	14607	ncrc4048	14667	ncrc4132
14428	ncrc3767	14488	ncrc3867	14548	ncrc3959	14608	ncrc4049	14668	ncrc4135
14429	ncrc3769	14489	ncrc3869	14549	ncrc3960	14609	ncrc4052	14669	ncrc4136
14430	ncrc3772	14490	ncrc3870	14550	ncrc3962	14610	ncrc4055	14670	ncrc4137
14431	ncrc3773	14491	ncrc3872	14551	ncrc3964	14611	ncrc4057	14671	ncrc4139
14432	ncrc3775	14492	ncrc3873	14552	ncrc3968	14612	ncrc4059	14672	ncrc4140
14433	ncrc3776	14493	ncrc3875	14553	ncrc3969	14613	ncrc4060	14673	ncrc4141
14434	ncrc3777	14494	ncrc3876	14554	ncrc3971	14614	ncrc4063	14674	ncrc4143
14435	ncrc3778	14495	ncrc3877	14555	ncrc3972	14615	ncrc4065	14675	ncrc4144
14436	ncrc3781	14496	ncrc3879	14556	ncrc3975	14616	ncrc4067	14676	ncrc4145
14437	ncrc3782	14497	ncrc3880	14557	ncrc3976	14617	ncrc4068	14677	ncrc4146
14438	ncrc3785	14498	ncrc3881	14558	ncrc3978	14618	ncrc4069	14678	ncrc4147
14439	ncrc3786	14499	ncrc3882	14559	ncrc3979	14619	ncrc4071	14679	ncrc4148
14440	ncrc3787	14500	ncrc3883	14560	ncrc3980	14620	ncrc4072	14680	ncrc4152
14441	ncrc3790	14501	ncrc3886	14561	ncrc3982	14621	ncrc4073	14681	ncrc4153
14442	ncrc3791	14502	ncrc3887	14562	ncrc3983	14622	ncrc4074	14682	ncrc4154
14443	ncrc3794	14503	ncrc3888	14563	ncrc3984	14623	ncrc4075	14683	ncrc4159
14444	ncrc3795	14504	ncrc3889	14564	ncrc3987	14624	ncrc4076	14684	ncrc4160
14445	ncrc3797	14505	ncrc3891	14565	ncrc3988	14625	ncrc4079	14685	ncrc4163
14446	ncrc3798	14506	ncrc3893	14566	ncrc3991	14626	ncrc4080	14686	ncrc4164
14447	ncrc3799	14507	ncrc3895	14567	ncrc3992	14627	ncrc4081	14687	ncrc4165
14448	ncrc3801	14508	ncrc3896	14568	ncrc3993	14628	ncrc4084	14688	ncrc4168
14449	ncrc3802	14509	ncrc3897	14569	ncrc3994	14629	ncrc4085	14689	ncrc4169
14450	ncrc3803	14510	ncrc3898	14570	ncrc3995	14630	ncrc4086	14690	ncrc4170
14451	ncrc3805	14511	ncrc3899	14571	ncrc3998	14631	ncrc4087	14691	ncrc4171
14452	ncrc3807	14512	ncrc3900	14572	ncrc3999	14632	ncrc4088	14692	ncrc4175
14453	ncrc3810	14513	ncrc3901	14573	ncrc4000	14633	ncrc4089	14693	ncrc4177
14454	ncrc3813	14514	ncrc3903	14574	ncrc4001	14634	ncrc4090	14694	ncrc4179
14455	ncrc3814	14515	ncrc3904	14575	ncrc4004	14635	ncrc4092	14695	ncrc4180
14456	ncrc3816	14516	ncrc3905	14576	ncrc4005	14636	ncrc4093	14696	ncrc4182
14457	ncrc3817	14517	ncrc3908	14577	ncrc4006	14637	ncrc4095	14697	ncrc4183
14458	ncrc3821	14518	ncrc3909	14578	ncrc4007	14638	ncrc4097	14698	ncrc4184
14459	ncrc3825	14519	ncrc3911	14579	ncrc4009	14639	ncrc4098	14699	ncrc4185
14460	ncrc3826	14520	ncrc3914	14580	ncrc4010	14640	ncrc4099	14700	ncrc4186

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14701	ncrc4187	14761	ncrc4273	14821	ncrc4359	14881	ncrc4459	14941	ncrc4554
14702	ncrc4188	14762	ncrc4275	14822	ncrc4361	14882	ncrc4460	14942	ncrc4555
14703	ncrc4189	14763	ncrc4276	14823	ncrc4362	14883	ncrc4464	14943	ncrc4556
14704	ncrc4190	14764	ncrc4279	14824	ncrc4366	14884	ncrc4467	14944	ncrc4559
14705	ncrc4191	14765	ncrc4280	14825	ncrc4367	14885	ncrc4469	14945	ncrc4561
14706	ncrc4192	14766	ncrc4281	14826	ncrc4368	14886	ncrc4471	14946	ncrc4563
14707	ncrc4193	14767	ncrc4282	14827	ncrc4369	14887	ncrc4472	14947	ncrc4565
14708	ncrc4195	14768	ncrc4283	14828	ncrc4371	14888	ncrc4473	14948	ncrc4566
14709	ncrc4196	14769	ncrc4284	14829	ncrc4372	14889	ncrc4476	14949	ncrc4567
14710	ncrc4197	14770	ncrc4285	14830	ncrc4373	14890	ncrc4478	14950	ncrc4568
14711	ncrc4199	14771	ncrc4286	14831	ncrc4374	14891	ncrc4479	14951	ncrc4569
14712	ncrc4201	14772	ncrc4287	14832	ncrc4376	14892	ncrc4481	14952	ncrc4570
14713	ncrc4202	14773	ncrc4289	14833	ncrc4377	14893	ncrc4485	14953	ncrc4574
14714	ncrc4203	14774	ncrc4290	14834	ncrc4378	14894	ncrc4486	14954	ncrc4575
14715	ncrc4204	14775	ncrc4291	14835	ncrc4380	14895	ncrc4487	14955	ncrc4576
14716	ncrc4205	14776	ncrc4292	14836	ncrc4381	14896	ncrc4489	14956	ncrc4577
14717	ncrc4206	14777	ncrc4294	14837	ncrc4382	14897	ncrc4490	14957	ncrc4579
14718	ncrc4207	14778	ncrc4295	14838	ncrc4383	14898	ncrc4492	14958	ncrc4580
14719	ncrc4208	14779	ncrc4296	14839	ncrc4384	14899	ncrc4493	14959	ncrc4581
14720	ncrc4211	14780	ncrc4297	14840	ncrc4387	14900	ncrc4494	14960	ncrc4583
14721	ncrc4212	14781	ncrc4298	14841	ncrc4389	14901	ncrc4495	14961	ncrc4584
14722	ncrc4213	14782	ncrc4299	14842	ncrc4390	14902	ncrc4496	14962	ncrc4585
14723	ncrc4216	14783	ncrc4300	14843	ncrc4394	14903	ncrc4497	14963	ncrc4586
14724	ncrc4218	14784	ncrc4301	14844	ncrc4395	14904	ncrc4498	14964	ncrc4587
14725	ncrc4219	14785	ncrc4302	14845	ncrc4396	14905	ncrc4499	14965	ncrc4588
14726	ncrc4220	14786	ncrc4303	14846	ncrc4397	14906	ncrc4500	14966	ncrc4589
14727	ncrc4221	14787	ncrc4304	14847	ncrc4398	14907	ncrc4501	14967	ncrc4590
14728	ncrc4222	14788	ncrc4305	14848	ncrc4399	14908	ncrc4503	14968	ncrc4591
14729	ncrc4223	14789	ncrc4306	14849	ncrc4401	14909	ncrc4504	14969	ncrc4592
14730	ncrc4224	14790	ncrc4307	14850	ncrc4402	14910	ncrc4505	14970	ncrc4593
14731	ncrc4225	14791	ncrc4308	14851	ncrc4403	14911	ncrc4508	14971	ncrc4594
14732	ncrc4226	14792	ncrc4309	14852	ncrc4404	14912	ncrc4509	14972	ncrc4597
14733	ncrc4227	14793	ncrc4312	14853	ncrc4408	14913	ncrc4511	14973	ncrc4599
14734	ncrc4228	14794	ncrc4313	14854	ncrc4409	14914	ncrc4512	14974	ncrc4600
14735	ncrc4231	14795	ncrc4314	14855	ncrc4410	14915	ncrc4513	14975	ncrc4602
14736	ncrc4233	14796	ncrc4315	14856	ncrc4411	14916	ncrc4514	14976	ncrc4604
14737	ncrc4235	14797	ncrc4315	14857	ncrc4413	14917	ncrc4515	14977	ncrc4605
14738	ncrc4237	14798	ncrc4316	14858	ncrc4414	14918	ncrc4516	14978	ncrc4606
14739	ncrc4240	14799	ncrc4317	14859	ncrc4415	14919	ncrc4519	14979	ncrc4607
14740	ncrc4241	14800	ncrc4318	14860	ncrc4416	14920	ncrc4520	14980	ncrc4608
14741	ncrc4243	14801	ncrc4320	14861	ncrc4417	14921	ncrc4521	14981	ncrc4609
14742	ncrc4244	14802	ncrc4323	14862	ncrc4418	14922	ncrc4523	14982	ncrc4610
14743	ncrc4247	14803	ncrc4327	14863	ncrc4419	14923	ncrc4524	14983	ncrc4611
14744	ncrc4248	14804	ncrc4328	14864	ncrc4420	14924	ncrc4525	14984	ncrc4612
14745	ncrc4249	14805	ncrc4329	14865	ncrc4423	14925	ncrc4527	14985	ncrc4615
14746	ncrc4250	14806	ncrc4333	14866	ncrc4424	14926	ncrc4528	14986	ncrc4616
14747	ncrc4253	14807	ncrc4335	14867	ncrc4425	14927	ncrc4531	14987	ncrc4619
14748	ncrc4254	14808	ncrc4336	14868	ncrc4427	14928	ncrc4532	14988	ncrc4620
14749	ncrc4255	14809	ncrc4340	14869	ncrc4428	14929	ncrc4533	14989	ncrc4621
14750	ncrc4257	14810	ncrc4343	14870	ncrc4429	14930	ncrc4535	14990	ncrc4623
14751	ncrc4259	14811	ncrc4344	14871	ncrc4431	14931	ncrc4536	14991	ncrc4625
14752	ncrc4260	14812	ncrc4345	14872	ncrc4436	14932	ncrc4538	14992	ncrc4627
14753	ncrc4261	14813	ncrc4346	14873	ncrc4437	14933	ncrc4539	14993	ncrc4628
14754	ncrc4263	14814	ncrc4347	14874	ncrc4439	14934	ncrc4540	14994	ncrc4629
14755	ncrc4264	14815	ncrc4349	14875	ncrc4440	14935	ncrc4543	14995	ncrc4632
14756	ncrc4265	14816	ncrc4352	14876	ncrc4441	14936	ncrc4547	14996	ncrc4633
14757	ncrc4267	14817	ncrc4353	14877	ncrc4444	14937	ncrc4548	14997	ncrc4634
14758	ncrc4268	14818	ncrc4355	14878	ncrc4448	14938	ncrc4551	14998	ncrc4637
14759	ncrc4269	14819	ncrc4356	14879	ncrc4451	14939	ncrc4552	14999	ncrc4638
14760	ncrc4270	14820	ncrc4357	14880	ncrc4456	14940	ncrc4553	15000	ncrc4639

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15001	ncrc4641	15061	ncrc4723	15121	ncrc4809	15181	ncrc4899	15241	ncrc4996
15002	ncrc4643	15062	ncrc4724	15122	ncrc4811	15182	ncrc4900	15242	ncrc5000
15003	ncrc4644	15063	ncrc4725	15123	ncrc4812	15183	ncrc4903	15243	ncrc5001
15004	ncrc4645	15064	ncrc4728	15124	ncrc4814	15184	ncrc4904	15244	ncrc5003
15005	ncrc4647	15065	ncrc4730	15125	ncrc4815	15185	ncrc4907	15245	ncrc5004
15006	ncrc4648	15066	ncrc4730	15126	ncrc4816	15186	ncrc4909	15246	ncrc5007
15007	ncrc4650	15067	ncrc4732	15127	ncrc4819	15187	ncrc4911	15247	ncrc5008
15008	ncrc4651	15068	ncrc4733	15128	ncrc4820	15188	ncrc4912	15248	ncrc5011
15009	ncrc4654	15069	ncrc4734	15129	ncrc4821	15189	ncrc4913	15249	ncrc5013
15010	ncrc4655	15070	ncrc4735	15130	ncrc4823	15190	ncrc4915	15250	ncrc5015
15011	ncrc4656	15071	ncrc4736	15131	ncrc4824	15191	ncrc4916	15251	ncrc5016
15012	ncrc4657	15072	ncrc4737	15132	ncrc4827	15192	ncrc4917	15252	ncrc5017
15013	ncrc4659	15073	ncrc4740	15133	ncrc4828	15193	ncrc4919	15253	ncrc5018
15014	ncrc4660	15074	ncrc4741	15134	ncrc4829	15194	ncrc4920	15254	ncrc5019
15015	ncrc4661	15075	ncrc4743	15135	ncrc4830	15195	ncrc4923	15255	ncrc5020
15016	ncrc4662	15076	ncrc4744	15136	ncrc4831	15196	ncrc4924	15256	ncrc5021
15017	ncrc4663	15077	ncrc4745	15137	ncrc4835	15197	ncrc4926	15257	ncrc5022
15018	ncrc4664	15078	ncrc4746	15138	ncrc4839	15198	ncrc4927	15258	ncrc5023
15019	ncrc4665	15079	ncrc4747	15139	ncrc4840	15199	ncrc4931	15259	ncrc5025
15020	ncrc4666	15080	ncrc4748	15140	ncrc4841	15200	ncrc4932	15260	ncrc5031
15021	ncrc4667	15081	ncrc4751	15141	ncrc4842	15201	ncrc4933	15261	ncrc5033
15022	ncrc4668	15082	ncrc4752	15142	ncrc4843	15202	ncrc4936	15262	ncrc5034
15023	ncrc4669	15083	ncrc4753	15143	ncrc4844	15203	ncrc4937	15263	ncrc5035
15024	ncrc4670	15084	ncrc4755	15144	ncrc4848	15204	ncrc4939	15264	ncrc5036
15025	ncrc4671	15085	ncrc4756	15145	ncrc4849	15205	ncrc4940	15265	ncrc5038
15026	ncrc4672	15086	ncrc4757	15146	ncrc4851	15206	ncrc4942	15266	ncrc5039
15027	ncrc4673	15087	ncrc4758	15147	ncrc4852	15207	ncrc4945	15267	ncrc5040
15028	ncrc4675	15088	ncrc4759	15148	ncrc4854	15208	ncrc4947	15268	ncrc5041
15029	ncrc4676	15089	ncrc4760	15149	ncrc4855	15209	ncrc4950	15269	ncrc5044
15030	ncrc4677	15090	ncrc4761	15150	ncrc4856	15210	ncrc4953	15270	ncrc5045
15031	ncrc4681	15091	ncrc4765	15151	ncrc4857	15211	ncrc4954	15271	ncrc5047
15032	ncrc4682	15092	ncrc4766	15152	ncrc4858	15212	ncrc4955	15272	ncrc5048
15033	ncrc4683	15093	ncrc4769	15153	ncrc4859	15213	ncrc4956	15273	ncrc5050
15034	ncrc4684	15094	ncrc4771	15154	ncrc4860	15214	ncrc4957	15274	ncrc5051
15035	ncrc4685	15095	ncrc4772	15155	ncrc4861	15215	ncrc4958	15275	ncrc5052
15036	ncrc4686	15096	ncrc4773	15156	ncrc4862	15216	ncrc4964	15276	ncrc5053
15037	ncrc4687	15097	ncrc4774	15157	ncrc4863	15217	ncrc4966	15277	ncrc5054
15038	ncrc4688	15098	ncrc4775	15158	ncrc4864	15218	ncrc4967	15278	ncrc5055
15039	ncrc4689	15099	ncrc4776	15159	ncrc4867	15219	ncrc4968	15279	ncrc5056
15040	ncrc4690	15100	ncrc4778	15160	ncrc4869	15220	ncrc4969	15280	ncrc5060
15041	ncrc4692	15101	ncrc4779	15161	ncrc4870	15221	ncrc4970	15281	ncrc5061
15042	ncrc4693	15102	ncrc4780	15162	ncrc4871	15222	ncrc4971	15282	ncrc5062
15043	ncrc4695	15103	ncrc4782	15163	ncrc4872	15223	ncrc4972	15283	ncrc5064
15044	ncrc4696	15104	ncrc4784	15164	ncrc4874	15224	ncrc4973	15284	ncrc5065
15045	ncrc4697	15105	ncrc4785	15165	ncrc4875	15225	ncrc4974	15285	ncrc5066
15046	ncrc4698	15106	ncrc4786	15166	ncrc4876	15226	ncrc4975	15286	ncrc5067
15047	ncrc4700	15107	ncrc4787	15167	ncrc4877	15227	ncrc4976	15287	ncrc5069
15048	ncrc4701	15108	ncrc4788	15168	ncrc4878	15228	ncrc4977	15288	ncrc5070
15049	ncrc4703	15109	ncrc4789	15169	ncrc4879	15229	ncrc4978	15289	ncrc5071
15050	ncrc4704	15110	ncrc4792	15170	ncrc4880	15230	ncrc4981	15290	ncrc5072
15051	ncrc4705	15111	ncrc4793	15171	ncrc4882	15231	ncrc4983	15291	ncrc5074
15052	ncrc4706	15112	ncrc4794	15172	ncrc4884	15232	ncrc4985	15292	ncrc5075
15053	ncrc4707	15113	ncrc4798	15173	ncrc4885	15233	ncrc4986	15293	ncrc5076
15054	ncrc4712	15114	ncrc4799	15174	ncrc4888	15234	ncrc4987	15294	ncrc5077
15055	ncrc4713	15115	ncrc4800	15175	ncrc4890	15235	ncrc4988	15295	ncrc5079
15056	ncrc4716	15116	ncrc4802	15176	ncrc4891	15236	ncrc4989	15296	ncrc5081
15057	ncrc4717	15117	ncrc4803	15177	ncrc4894	15237	ncrc4991	15297	ncrc5083
15058	ncrc4719	15118	ncrc4804	15178	ncrc4896	15238	ncrc4993	15298	ncrc5086
15059	ncrc4720	15119	ncrc4807	15179	ncrc4897	15239	ncrc4994	15299	ncrc5087
15060	ncrc4721	15120	ncrc4808	15180	ncrc4898	15240	ncrc4995	15300	ncrc5088

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15301	ncrc5090	15361	ncrc5176	15421	ncrc5264	15481	ncrc5356	15541	ncrc5460
15302	ncrc5091	15362	ncrc5177	15422	ncrc5265	15482	ncrc5357	15542	ncrc5461
15303	ncrc5092	15363	ncrc5178	15423	ncrc5266	15483	ncrc5358	15543	ncrc5464
15304	ncrc5095	15364	ncrc5179	15424	ncrc5267	15484	ncrc5359	15544	ncrc5468
15305	ncrc5096	15365	ncrc5180	15425	ncrc5271	15485	ncrc5360	15545	ncrc5469
15306	ncrc5098	15366	ncrc5181	15426	ncrc5273	15486	ncrc5363	15546	ncrc5470
15307	ncrc5099	15367	ncrc5182	15427	ncrc5274	15487	ncrc5365	15547	ncrc5472
15308	ncrc5100	15368	ncrc5183	15428	ncrc5276	15488	ncrc5367	15548	ncrc5473
15309	ncrc5101	15369	ncrc5184	15429	ncrc5277	15489	ncrc5368	15549	ncrc5474
15310	ncrc5104	15370	ncrc5185	15430	ncrc5278	15490	ncrc5369	15550	ncrc5475
15311	ncrc5105	15371	ncrc5186	15431	ncrc5280	15491	ncrc5370	15551	ncrc5480
15312	ncrc5107	15372	ncrc5187	15432	ncrc5282	15492	ncrc5371	15552	ncrc5481
15313	ncrc5108	15373	ncrc5191	15433	ncrc5288	15493	ncrc5372	15553	ncrc5484
15314	ncrc5109	15374	ncrc5195	15434	ncrc5289	15494	ncrc5375	15554	ncrc5487
15315	ncrc5111	15375	ncrc5196	15435	ncrc5291	15495	ncrc5376	15555	ncrc5488
15316	ncrc5113	15376	ncrc5199	15436	ncrc5292	15496	ncrc5378	15556	ncrc5489
15317	ncrc5116	15377	ncrc5200	15437	ncrc5293	15497	ncrc5379	15557	ncrc5491
15318	ncrc5117	15378	ncrc5201	15438	ncrc5295	15498	ncrc5380	15558	ncrc5492
15319	ncrc5118	15379	ncrc5204	15439	ncrc5296	15499	ncrc5383	15559	ncrc5493
15320	ncrc5121	15380	ncrc5205	15440	ncrc5297	15500	ncrc5384	15560	ncrc5496
15321	ncrc5123	15381	ncrc5207	15441	ncrc5299	15501	ncrc5385	15561	ncrc5497
15322	ncrc5124	15382	ncrc5208	15442	ncrc5300	15502	ncrc5392	15562	ncrc5499
15323	ncrc5125	15383	ncrc5209	15443	ncrc5301	15503	ncrc5393	15563	ncrc5500
15324	ncrc5127	15384	ncrc5211	15444	ncrc5303	15504	ncrc5395	15564	ncrc5501
15325	ncrc5128	15385	ncrc5212	15445	ncrc5305	15505	ncrc5401	15565	ncrc5502
15326	ncrc5132	15386	ncrc5213	15446	ncrc5307	15506	ncrc5402	15566	ncrc5503
15327	ncrc5135	15387	ncrc5216	15447	ncrc5308	15507	ncrc5405	15567	ncrc5507
15328	ncrc5136	15388	ncrc5217	15448	ncrc5310	15508	ncrc5406	15568	ncrc5508
15329	ncrc5137	15389	ncrc5219	15449	ncrc5311	15509	ncrc5413	15569	ncrc5512
15330	ncrc5139	15390	ncrc5220	15450	ncrc5312	15510	ncrc5415	15570	ncrc5513
15331	ncrc5140	15391	ncrc5221	15451	ncrc5313	15511	ncrc5416	15571	ncrc5515
15332	ncrc5141	15392	ncrc5223	15452	ncrc5316	15512	ncrc5417	15572	ncrc5516
15333	ncrc5142	15393	ncrc5224	15453	ncrc5317	15513	ncrc5419	15573	ncrc5518
15334	ncrc5143	15394	ncrc5225	15454	ncrc5319	15514	ncrc5420	15574	ncrc5519
15335	ncrc5144	15395	ncrc5227	15455	ncrc5322	15515	ncrc5422	15575	ncrc5520
15336	ncrc5145	15396	ncrc5228	15456	ncrc5323	15516	ncrc5423	15576	ncrc5521
15337	ncrc5146	15397	ncrc5230	15457	ncrc5324	15517	ncrc5424	15577	ncrc5523
15338	ncrc5147	15398	ncrc5231	15458	ncrc5326	15518	ncrc5427	15578	ncrc5524
15339	ncrc5148	15399	ncrc5232	15459	ncrc5327	15519	ncrc5429	15579	ncrc5525
15340	ncrc5149	15400	ncrc5233	15460	ncrc5328	15520	ncrc5431	15580	ncrc5526
15341	ncrc5150	15401	ncrc5235	15461	ncrc5329	15521	ncrc5432	15581	ncrc5528
15342	ncrc5152	15402	ncrc5236	15462	ncrc5331	15522	ncrc5434	15582	ncrc5533
15343	ncrc5155	15403	ncrc5237	15463	ncrc5332	15523	ncrc5435	15583	ncrc5534
15344	ncrc5156	15404	ncrc5239	15464	ncrc5333	15524	ncrc5436	15584	ncrc5536
15345	ncrc5157	15405	ncrc5240	15465	ncrc5334	15525	ncrc5437	15585	ncrc5537
15346	ncrc5158	15406	ncrc5241	15466	ncrc5335	15526	ncrc5438	15586	ncrc5539
15347	ncrc5159	15407	ncrc5242	15467	ncrc5336	15527	ncrc5439	15587	ncrc5540
15348	ncrc5160	15408	ncrc5243	15468	ncrc5337	15528	ncrc5440	15588	ncrc5542
15349	ncrc5161	15409	ncrc5244	15469	ncrc5338	15529	ncrc5441	15589	ncrc5544
15350	ncrc5162	15410	ncrc5245	15470	ncrc5339	15530	ncrc5443	15590	ncrc5545
15351	ncrc5163	15411	ncrc5247	15471	ncrc5341	15531	ncrc5444	15591	ncrc5546
15352	ncrc5164	15412	ncrc5248	15472	ncrc5343	15532	ncrc5445	15592	ncrc5547
15353	ncrc5166	15413	ncrc5251	15473	ncrc5345	15533	ncrc5447	15593	ncrc5548
15354	ncrc5167	15414	ncrc5252	15474	ncrc5347	15534	ncrc5451	15594	ncrc5549
15355	ncrc5168	15415	ncrc5253	15475	ncrc5348	15535	ncrc5453	15595	ncrc5550
15356	ncrc5169	15416	ncrc5255	15476	ncrc5349	15536	ncrc5454	15596	ncrc5551
15357	ncrc5170	15417	ncrc5257	15477	ncrc5350	15537	ncrc5455	15597	ncrc5552
15358	ncrc5171	15418	ncrc5260	15478	ncrc5351	15538	ncrc5456	15598	ncrc5553
15359	ncrc5172	15419	ncrc5261	15479	ncrc5353	15539	ncrc5458	15599	ncrc5555
15360	ncrc5175	15420	ncrc5263	15480	ncrc5355	15540	ncrc5459	15600	ncrc5556



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15601	ncrc5557	15661	ncrc5648	15721	ncrc5737	15781	ncrc5835	15841	ncrc5928
15602	ncrc5559	15662	ncrc5650	15722	ncrc5738	15782	ncrc5836	15842	ncrc5929
15603	ncrc5560	15663	ncrc5651	15723	ncrc5739	15783	ncrc5837	15843	ncrc5930
15604	ncrc5561	15664	ncrc5652	15724	ncrc5740	15784	ncrc5839	15844	ncrc5931
15605	ncrc5563	15665	ncrc5653	15725	ncrc5741	15785	ncrc5840	15845	ncrc5932
15606	ncrc5564	15666	ncrc5655	15726	ncrc5744	15786	ncrc5842	15846	ncrc5933
15607	ncrc5565	15667	ncrc5656	15727	ncrc5745	15787	ncrc5843	15847	ncrc5934
15608	ncrc5566	15668	ncrc5659	15728	ncrc5746	15788	ncrc5844	15848	ncrc5937
15609	ncrc5567	15669	ncrc5661	15729	ncrc5747	15789	ncrc5845	15849	ncrc5939
15610	ncrc5568	15670	ncrc5662	15730	ncrc5748	15790	ncrc5848	15850	ncrc5940
15611	ncrc5569	15671	ncrc5663	15731	ncrc5751	15791	ncrc5850	15851	ncrc5943
15612	ncrc5571	15672	ncrc5664	15732	ncrc5752	15792	ncrc5851	15852	ncrc5944
15613	ncrc5575	15673	ncrc5667	15733	ncrc5754	15793	ncrc5852	15853	ncrc5945
15614	ncrc5576	15674	ncrc5668	15734	ncrc5756	15794	ncrc5854	15854	ncrc5946
15615	ncrc5577	15675	ncrc5671	15735	ncrc5758	15795	ncrc5855	15855	ncrc5947
15616	ncrc5580	15676	ncrc5672	15736	ncrc5759	15796	ncrc5856	15856	ncrc5948
15617	ncrc5581	15677	ncrc5673	15737	ncrc5760	15797	ncrc5857	15857	ncrc5949
15618	ncrc5583	15678	ncrc5675	15738	ncrc5762	15798	ncrc5858	15858	ncrc5950
15619	ncrc5585	15679	ncrc5677	15739	ncrc5763	15799	ncrc5859	15859	ncrc5951
15620	ncrc5587	15680	ncrc5679	15740	ncrc5767	15800	ncrc5863	15860	ncrc5954
15621	ncrc5588	15681	ncrc5681	15741	ncrc5768	15801	ncrc5865	15861	ncrc5955
15622	ncrc5589	15682	ncrc5681	15742	ncrc5769	15802	ncrc5867	15862	ncrc5956
15623	ncrc5591	15683	ncrc5684	15743	ncrc5771	15803	ncrc5869	15863	ncrc5959
15624	ncrc5592	15684	ncrc5685	15744	ncrc5772	15804	ncrc5871	15864	ncrc5960
15625	ncrc5593	15685	ncrc5688	15745	ncrc5775	15805	ncrc5872	15865	ncrc5961
15626	ncrc5595	15686	ncrc5689	15746	ncrc5779	15806	ncrc5873	15866	ncrc5963
15627	ncrc5597	15687	ncrc5690	15747	ncrc5780	15807	ncrc5875	15867	ncrc5964
15628	ncrc5599	15688	ncrc5691	15748	ncrc5781	15808	ncrc5876	15868	ncrc5968
15629	ncrc5600	15689	ncrc5693	15749	ncrc5783	15809	ncrc5877	15869	ncrc5969
15630	ncrc5601	15690	ncrc5695	15750	ncrc5784	15810	ncrc5881	15870	ncrc5972
15631	ncrc5603	15691	ncrc5696	15751	ncrc5787	15811	ncrc5883	15871	ncrc5973
15632	ncrc5604	15692	ncrc5697	15752	ncrc5788	15812	ncrc5885	15872	ncrc5975
15633	ncrc5605	15693	ncrc5699	15753	ncrc5790	15813	ncrc5886	15873	ncrc5977
15634	ncrc5607	15694	ncrc5700	15754	ncrc5792	15814	ncrc5887	15874	ncrc5979
15635	ncrc5608	15695	ncrc5701	15755	ncrc5793	15815	ncrc5888	15875	ncrc5981
15636	ncrc5609	15696	ncrc5704	15756	ncrc5795	15816	ncrc5893	15876	ncrc5982
15637	ncrc5610	15697	ncrc5705	15757	ncrc5796	15817	ncrc5896	15877	ncrc5987
15638	ncrc5611	15698	ncrc5706	15758	ncrc5801	15818	ncrc5897	15878	ncrc5991
15639	ncrc5612	15699	ncrc5707	15759	ncrc5802	15819	ncrc5898	15879	ncrc5993
15640	ncrc5614	15700	ncrc5708	15760	ncrc5804	15820	ncrc5902	15880	ncrc5995
15641	ncrc5616	15701	ncrc5710	15761	ncrc5806	15821	ncrc5904	15881	ncrc5996
15642	ncrc5617	15702	ncrc5713	15762	ncrc5807	15822	ncrc5905	15882	ncrc5998
15643	ncrc5619	15703	ncrc5715	15763	ncrc5808	15823	ncrc5907	15883	ncrc5999
15644	ncrc5621	15704	ncrc5716	15764	ncrc5811	15824	ncrc5908	15884	ncrc6000
15645	ncrc5623	15705	ncrc5717	15765	ncrc5812	15825	ncrc5909	15885	ncrc6001
15646	ncrc5625	15706	ncrc5718	15766	ncrc5813	15826	ncrc5910	15886	ncrc6003
15647	ncrc5626	15707	ncrc5719	15767	ncrc5814	15827	ncrc5911	15887	ncrc6004
15648	ncrc5628	15708	ncrc5720	15768	ncrc5819	15828	ncrc5912	15888	ncrc6005
15649	ncrc5630	15709	ncrc5721	15769	ncrc5820	15829	ncrc5913	15889	ncrc6006
15650	ncrc5631	15710	ncrc5722	15770	ncrc5821	15830	ncrc5914	15890	ncrc6008
15651	ncrc5633	15711	ncrc5723	15771	ncrc5822	15831	ncrc5915	15891	ncrc6010
15652	ncrc5635	15712	ncrc5724	15772	ncrc5823	15832	ncrc5916	15892	ncrc6011
15653	ncrc5636	15713	ncrc5725	15773	ncrc5824	15833	ncrc5918	15893	ncrc6012
15654	ncrc5638	15714	ncrc5727	15774	ncrc5827	15834	ncrc5918	15894	ncrc6014
15655	ncrc5640	15715	ncrc5729	15775	ncrc5828	15835	ncrc5919	15895	ncrc6015
15656	ncrc5642	15716	ncrc5731	15776	ncrc5829	15836	ncrc5921	15896	ncrc6016
15657	ncrc5643	15717	ncrc5732	15777	ncrc5830	15837	ncrc5923	15897	ncrc6017
15658	ncrc5644	15718	ncrc5734	15778	ncrc5831	15838	ncrc5924	15898	ncrc6019
15659	ncrc5645	15719	ncrc5735	15779	ncrc5833	15839	ncrc5926	15899	ncrc6020
15660	ncrc5647	15720	ncrc5736	15780	ncrc5834	15840	ncrc5927	15900	ncrc6022



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15901	ncrc6024	15961	ncrc6118	16021	ncrc6204	16081	ncrc6292	16141	ncrc6385
15902	ncrc6025	15962	ncrc6119	16022	ncrc6205	16082	ncrc6296	16142	ncrc6387
15903	ncrc6026	15963	ncrc6120	16023	ncrc6211	16083	ncrc6299	16143	ncrc6388
15904	ncrc6029	15964	ncrc6123	16024	ncrc6212	16084	ncrc6300	16144	ncrc6389
15905	ncrc6030	15965	ncrc6124	16025	ncrc6213	16085	ncrc6301	16145	ncrc6391
15906	ncrc6031	15966	ncrc6126	16026	ncrc6214	16086	ncrc6303	16146	ncrc6392
15907	ncrc6032	15967	ncrc6127	16027	ncrc6215	16087	ncrc6304	16147	ncrc6393
15908	ncrc6033	15968	ncrc6128	16028	ncrc6216	16088	ncrc6305	16148	ncrc6395
15909	ncrc6036	15969	ncrc6129	16029	ncrc6217	16089	ncrc6307	16149	ncrc6396
15910	ncrc6037	15970	ncrc6130	16030	ncrc6218	16090	ncrc6308	16150	ncrc6399
15911	ncrc6040	15971	ncrc6131	16031	ncrc6219	16091	ncrc6309	16151	ncrc6400
15912	ncrc6041	15972	ncrc6133	16032	ncrc6220	16092	ncrc6310	16152	ncrc6401
15913	ncrc6042	15973	ncrc6135	16033	ncrc6221	16093	ncrc6311	16153	ncrc6403
15914	ncrc6043	15974	ncrc6136	16034	ncrc6222	16094	ncrc6312	16154	ncrc6404
15915	ncrc6047	15975	ncrc6137	16035	ncrc6224	16095	ncrc6315	16155	ncrc6405
15916	ncrc6049	15976	ncrc6138	16036	ncrc6225	16096	ncrc6316	16156	ncrc6406
15917	ncrc6050	15977	ncrc6139	16037	ncrc6226	16097	ncrc6317	16157	ncrc6407
15918	ncrc6052	15978	ncrc6141	16038	ncrc6228	16098	ncrc6318	16158	ncrc6408
15919	ncrc6054	15979	ncrc6142	16039	ncrc6229	16099	ncrc6319	16159	ncrc6409
15920	ncrc6055	15980	ncrc6143	16040	ncrc6231	16100	ncrc6320	16160	ncrc6411
15921	ncrc6056	15981	ncrc6144	16041	ncrc6232	16101	ncrc6321	16161	ncrc6413
15922	ncrc6057	15982	ncrc6146	16042	ncrc6233	16102	ncrc6322	16162	ncrc6414
15923	ncrc6058	15983	ncrc6147	16043	ncrc6234	16103	ncrc6323	16163	ncrc6415
15924	ncrc6059	15984	ncrc6148	16044	ncrc6236	16104	ncrc6324	16164	ncrc6416
15925	ncrc6060	15985	ncrc6151	16045	ncrc6237	16105	ncrc6325	16165	ncrc6417
15926	ncrc6061	15986	ncrc6152	16046	ncrc6238	16106	ncrc6327	16166	ncrc6418
15927	ncrc6062	15987	ncrc6153	16047	ncrc6239	16107	ncrc6329	16167	ncrc6419
15928	ncrc6063	15988	ncrc6155	16048	ncrc6240	16108	ncrc6330	16168	ncrc6420
15929	ncrc6067	15989	ncrc6156	16049	ncrc6241	16109	ncrc6331	16169	ncrc6421
15930	ncrc6068	15990	ncrc6159	16050	ncrc6242	16110	ncrc6332	16170	ncrc6423
15931	ncrc6069	15991	ncrc6160	16051	ncrc6243	16111	ncrc6333	16171	ncrc6425
15932	ncrc6071	15992	ncrc6161	16052	ncrc6245	16112	ncrc6335	16172	ncrc6428
15933	ncrc6072	15993	ncrc6163	16053	ncrc6247	16113	ncrc6336	16173	ncrc6429
15934	ncrc6073	15994	ncrc6164	16054	ncrc6248	16114	ncrc6338	16174	ncrc6430
15935	ncrc6075	15995	ncrc6165	16055	ncrc6252	16115	ncrc6339	16175	ncrc6431
15936	ncrc6076	15996	ncrc6168	16056	ncrc6253	16116	ncrc6340	16176	ncrc6433
15937	ncrc6077	15997	ncrc6171	16057	ncrc6253	16117	ncrc6345	16177	ncrc6434
15938	ncrc6079	15998	ncrc6172	16058	ncrc6256	16118	ncrc6347	16178	ncrc6435
15939	ncrc6081	15999	ncrc6173	16059	ncrc6257	16119	ncrc6348	16179	ncrc6436
15940	ncrc6084	16000	ncrc6174	16060	ncrc6259	16120	ncrc6349	16180	ncrc6439
15941	ncrc6085	16001	ncrc6175	16061	ncrc6261	16121	ncrc6351	16181	ncrc6440
15942	ncrc6087	16002	ncrc6177	16062	ncrc6263	16122	ncrc6352	16182	ncrc6443
15943	ncrc6088	16003	ncrc6179	16063	ncrc6264	16123	ncrc6353	16183	ncrc6444
15944	ncrc6089	16004	ncrc6180	16064	ncrc6265	16124	ncrc6355	16184	ncrc6447
15945	ncrc6091	16005	ncrc6181	16065	ncrc6268	16125	ncrc6356	16185	ncrc6449
15946	ncrc6092	16006	ncrc6185	16066	ncrc6269	16126	ncrc6359	16186	ncrc6451
15947	ncrc6095	16007	ncrc6187	16067	ncrc6270	16127	ncrc6360	16187	ncrc6452
15948	ncrc6096	16008	ncrc6188	16068	ncrc6272	16128	ncrc6363	16188	ncrc6453
15949	ncrc6097	16009	ncrc6190	16069	ncrc6273	16129	ncrc6367	16189	ncrc6455
15950	ncrc6099	16010	ncrc6191	16070	ncrc6276	16130	ncrc6369	16190	ncrc6456
15951	ncrc6100	16011	ncrc6192	16071	ncrc6277	16131	ncrc6371	16191	ncrc6457
15952	ncrc6102	16012	ncrc6193	16072	ncrc6279	16132	ncrc6373	16192	ncrc6459
15953	ncrc6104	16013	ncrc6195	16073	ncrc6280	16133	ncrc6375	16193	ncrc6460
15954	ncrc6105	16014	ncrc6197	16074	ncrc6281	16134	ncrc6376	16194	ncrc6461
15955	ncrc6106	16015	ncrc6198	16075	ncrc6283	16135	ncrc6377	16195	ncrc6462
15956	ncrc6109	16016	ncrc6199	16076	ncrc6284	16136	ncrc6379	16196	ncrc6464
15957	ncrc6110	16017	ncrc6200	16077	ncrc6286	16137	ncrc6380	16197	ncrc6465
15958	ncrc6112	16018	ncrc6201	16078	ncrc6287	16138	ncrc6382	16198	ncrc6467
15959	ncrc6113	16019	ncrc6202	16079	ncrc6289	16139	ncrc6383	16199	ncrc6468
15960	ncrc6117	16020	ncrc6203	16080	ncrc6291	16140	ncrc6384	16200	ncrc6469

16201	ncrc6471	16261	ncrc6553	16321	ncrc6645	16381	ncrc6731	16441	ncrc6839
16202	ncrc6472	16262	ncrc6555	16322	ncrc6647	16382	ncrc6732	16442	ncrc6840
16203	ncrc6473	16263	ncrc6556	16323	ncrc6648	16383	ncrc6735	16443	ncrc6841
16204	ncrc6476	16264	ncrc6557	16324	ncrc6649	16384	ncrc6739	16444	ncrc6843
16205	ncrc6478	16265	ncrc6559	16325	ncrc6651	16385	ncrc6740	16445	ncrc6844
16206	ncrc6479	16266	ncrc6560	16326	ncrc6652	16386	ncrc6741	16446	ncrc6845
16207	ncrc6480	16267	ncrc6561	16327	ncrc6654	16387	ncrc6743	16447	ncrc6846
16208	ncrc6481	16268	ncrc6564	16328	ncrc6655	16388	ncrc6745	16448	ncrc6847
16209	ncrc6483	16269	ncrc6565	16329	ncrc6656	16389	ncrc6747	16449	ncrc6848
16210	ncrc6484	16270	ncrc6567	16330	ncrc6659	16390	ncrc6748	16450	ncrc6849
16211	ncrc6486	16271	ncrc6568	16331	ncrc6660	16391	ncrc6749	16451	ncrc6852
16212	ncrc6487	16272	ncrc6569	16332	ncrc6661	16392	ncrc6753	16452	ncrc6853
16213	ncrc6488	16273	ncrc6572	16333	ncrc6664	16393	ncrc6755	16453	ncrc6855
16214	ncrc6489	16274	ncrc6574	16334	ncrc6665	16394	ncrc6756	16454	ncrc6856
16215	ncrc6491	16275	ncrc6575	16335	ncrc6666	16395	ncrc6757	16455	ncrc6857
16216	ncrc6492	16276	ncrc6576	16336	ncrc6667	16396	ncrc6759	16456	ncrc6859
16217	ncrc6495	16277	ncrc6578	16337	ncrc6668	16397	ncrc6760	16457	ncrc6860
16218	ncrc6496	16278	ncrc6581	16338	ncrc6670	16398	ncrc6763	16458	ncrc6861
16219	ncrc6497	16279	ncrc6582	16339	ncrc6671	16399	ncrc6767	16459	ncrc6862
16220	ncrc6499	16280	ncrc6584	16340	ncrc6672	16400	ncrc6768	16460	ncrc6863
16221	ncrc6500	16281	ncrc6585	16341	ncrc6675	16401	ncrc6769	16461	ncrc6864
16222	ncrc6501	16282	ncrc6586	16342	ncrc6676	16402	ncrc6771	16462	ncrc6867
16223	ncrc6502	16283	ncrc6587	16343	ncrc6677	16403	ncrc6773	16463	ncrc6868
16224	ncrc6503	16284	ncrc6588	16344	ncrc6678	16404	ncrc6774	16464	ncrc6870
16225	ncrc6504	16285	ncrc6589	16345	ncrc6679	16405	ncrc6776	16465	ncrc6871
16226	ncrc6505	16286	ncrc6590	16346	ncrc6680	16406	ncrc6777	16466	ncrc6872
16227	ncrc6506	16287	ncrc6591	16347	ncrc6681	16407	ncrc6778	16467	ncrc6873
16228	ncrc6507	16288	ncrc6592	16348	ncrc6682	16408	ncrc6780	16468	ncrc6874
16229	ncrc6508	16289	ncrc6593	16349	ncrc6683	16409	ncrc6782	16469	ncrc6875
16230	ncrc6509	16290	ncrc6595	16350	ncrc6686	16410	ncrc6783	16470	ncrc6876
16231	ncrc6510	16291	ncrc6596	16351	ncrc6687	16411	ncrc6784	16471	ncrc6878
16232	ncrc6511	16292	ncrc6597	16352	ncrc6688	16412	ncrc6785	16472	ncrc6879
16233	ncrc6512	16293	ncrc6598	16353	ncrc6692	16413	ncrc6787	16473	ncrc6881
16234	ncrc6514	16294	ncrc6600	16354	ncrc6693	16414	ncrc6789	16474	ncrc6882
16235	ncrc6515	16295	ncrc6601	16355	ncrc6694	16415	ncrc6790	16475	ncrc6883
16236	ncrc6516	16296	ncrc6603	16356	ncrc6695	16416	ncrc6794	16476	ncrc6884
16237	ncrc6517	16297	ncrc6604	16357	ncrc6697	16417	ncrc6795	16477	ncrc6885
16238	ncrc6521	16298	ncrc6605	16358	ncrc6699	16418	ncrc6796	16478	ncrc6886
16239	ncrc6522	16299	ncrc6606	16359	ncrc6700	16419	ncrc6798	16479	ncrc6888
16240	ncrc6523	16300	ncrc6607	16360	ncrc6701	16420	ncrc6799	16480	ncrc6889
16241	ncrc6524	16301	ncrc6610	16361	ncrc6703	16421	ncrc6800	16481	ncrc6890
16242	ncrc6525	16302	ncrc6612	16362	ncrc6705	16422	ncrc6801	16482	ncrc6893
16243	ncrc6526	16303	ncrc6613	16363	ncrc6706	16423	ncrc6803	16483	ncrc6895
16244	ncrc6527	16304	ncrc6615	16364	ncrc6707	16424	ncrc6804	16484	ncrc6896
16245	ncrc6528	16305	ncrc6617	16365	ncrc6708	16425	ncrc6805	16485	ncrc6897
16246	ncrc6529	16306	ncrc6618	16366	ncrc6709	16426	ncrc6810	16486	ncrc6899
16247	ncrc6530	16307	ncrc6619	16367	ncrc6712	16427	ncrc6811	16487	ncrc6900
16248	ncrc6531	16308	ncrc6620	16368	ncrc6715	16428	ncrc6813	16488	ncrc6901
16249	ncrc6535	16309	ncrc6621	16369	ncrc6716	16429	ncrc6814	16489	ncrc6904
16250	ncrc6536	16310	ncrc6623	16370	ncrc6717	16430	ncrc6815	16490	ncrc6905
16251	ncrc6537	16311	ncrc6624	16371	ncrc6718	16431	ncrc6817	16491	ncrc6906
16252	ncrc6539	16312	ncrc6626	16372	ncrc6719	16432	ncrc6818	16492	ncrc6907
16253	ncrc6541	16313	ncrc6628	16373	ncrc6720	16433	ncrc6819	16493	ncrc6908
16254	ncrc6544	16314	ncrc6632	16374	ncrc6721	16434	ncrc6823	16494	ncrc6911
16255	ncrc6545	16315	ncrc6635	16375	ncrc6722	16435	ncrc6825	16495	ncrc6912
16256	ncrc6547	16316	ncrc6636	16376	ncrc6723	16436	ncrc6827	16496	ncrc6913
16257	ncrc6548	16317	ncrc6637	16377	ncrc6724	16437	ncrc6828	16497	ncrc6914
16258	ncrc6549	16318	ncrc6641	16378	ncrc6727	16438	ncrc6831	16498	ncrc6915
16259	ncrc6551	16319	ncrc6643	16379	ncrc6728	16439	ncrc6832	16499	ncrc6920
16260	ncrc6552	16320	ncrc6644	16380	ncrc6729	16440	ncrc6833	16500	ncrc6921

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16501	ncrc6924	16561	ncrc7009	16621	ncrc7104	16681	ncrc8834	16741	ncrc8926
16502	ncrc6925	16562	ncrc7010	16622	ncrc7105	16682	ncrc8835	16742	ncrc8927
16503	ncrc6927	16563	ncrc7012	16623	ncrc7107	16683	ncrc8836	16743	ncrc8928
16504	ncrc6928	16564	ncrc7016	16624	ncrc7108	16684	ncrc8837	16744	ncrc8930
16505	ncrc6929	16565	ncrc7017	16625	ncrc7111	16685	ncrc8839	16745	ncrc8932
16506	ncrc6931	16566	ncrc7019	16626	ncrc7113	16686	ncrc8841	16746	ncrc8933
16507	ncrc6932	16567	ncrc7023	16627	ncrc7116	16687	ncrc8844	16747	ncrc8935
16508	ncrc6935	16568	ncrc7024	16628	ncrc7119	16688	ncrc8846	16748	ncrc8937
16509	ncrc6936	16569	ncrc7027	16629	ncrc7120	16689	ncrc8847	16749	ncrc8939
16510	ncrc6937	16570	ncrc7028	16630	ncrc7121	16690	ncrc8848	16750	ncrc8940
16511	ncrc6939	16571	ncrc7029	16631	ncrc7123	16691	ncrc8849	16751	ncrc8942
16512	ncrc6941	16572	ncrc7032	16632	ncrc7125	16692	ncrc8851	16752	ncrc8943
16513	ncrc6943	16573	ncrc7033	16633	ncrc7127	16693	ncrc8852	16753	ncrc8944
16514	ncrc6944	16574	ncrc7035	16634	ncrc7128	16694	ncrc8853	16754	ncrc8945
16515	ncrc6945	16575	ncrc7036	16635	ncrc7131	16695	ncrc8855	16755	ncrc8947
16516	ncrc6947	16576	ncrc7038	16636	ncrc7132	16696	ncrc8856	16756	ncrc8948
16517	ncrc6948	16577	ncrc7039	16637	ncrc7134	16697	ncrc8859	16757	ncrc8949
16518	ncrc6949	16578	ncrc7040	16638	ncrc7136	16698	ncrc8860	16758	ncrc8951
16519	ncrc6953	16579	ncrc7041	16639	ncrc7137	16699	ncrc8861	16759	ncrc8952
16520	ncrc6954	16580	ncrc7043	16640	ncrc7139	16700	ncrc8862	16760	ncrc8954
16521	ncrc6955	16581	ncrc7044	16641	ncrc7143	16701	ncrc8863	16761	ncrc8955
16522	ncrc6956	16582	ncrc7045	16642	ncrc7144	16702	ncrc8865	16762	ncrc8956
16523	ncrc6958	16583	ncrc7047	16643	ncrc7146	16703	ncrc8867	16763	ncrc8959
16524	ncrc6959	16584	ncrc7049	16644	ncrc7148	16704	ncrc8871	16764	ncrc8961
16525	ncrc6961	16585	ncrc7050	16645	ncrc7150	16705	ncrc8873	16765	ncrc8963
16526	ncrc6963	16586	ncrc7051	16646	ncrc7151	16706	ncrc8876	16766	ncrc8964
16527	ncrc6964	16587	ncrc7052	16647	ncrc7153	16707	ncrc8878	16767	ncrc8965
16528	ncrc6965	16588	ncrc7054	16648	ncrc7155	16708	ncrc8879	16768	ncrc8967
16529	ncrc6966	16589	ncrc7055	16649	ncrc7156	16709	ncrc8880	16769	ncrc8968
16530	ncrc6967	16590	ncrc7056	16650	ncrc7158	16710	ncrc8881	16770	ncrc8969
16531	ncrc6970	16591	ncrc7057	16651	ncrc7159	16711	ncrc8883	16771	ncrc8970
16532	ncrc6971	16592	ncrc7060	16652	ncrc7160	16712	ncrc8884	16772	ncrc8971
16533	ncrc6972	16593	ncrc7062	16653	ncrc7161	16713	ncrc8887	16773	ncrc8975
16534	ncrc6973	16594	ncrc7065	16654	ncrc7162	16714	ncrc8888	16774	ncrc8976
16535	ncrc6974	16595	ncrc7066	16655	ncrc7163	16715	ncrc8889	16775	ncrc8977
16536	ncrc6976	16596	ncrc7067	16656	ncrc7164	16716	ncrc8891	16776	ncrc8979
16537	ncrc6977	16597	ncrc7068	16657	ncrc7165	16717	ncrc8892	16777	ncrc8982
16538	ncrc6979	16598	ncrc7069	16658	ncrc7167	16718	ncrc8893	16778	ncrc8983
16539	ncrc6980	16599	ncrc7070	16659	ncrc7168	16719	ncrc8895	16779	ncrc8984
16540	ncrc6981	16600	ncrc7071	16660	ncrc7169	16720	ncrc8896	16780	ncrc8987
16541	ncrc6982	16601	ncrc7076	16661	ncrc7171	16721	ncrc8897	16781	ncrc8988
16542	ncrc6983	16602	ncrc7078	16662	ncrc7173	16722	ncrc8901	16782	ncrc8990
16543	ncrc6984	16603	ncrc7080	16663	ncrc7174	16723	ncrc8903	16783	ncrc8991
16544	ncrc6985	16604	ncrc7081	16664	ncrc7177	16724	ncrc8904	16784	ncrc8992
16545	ncrc6986	16605	ncrc7082	16665	ncrc7178	16725	ncrc8907	16785	ncrc8995
16546	ncrc6988	16606	ncrc7083	16666	ncrc7179	16726	ncrc8908	16786	ncrc8997
16547	ncrc6991	16607	ncrc7085	16667	ncrc7180	16727	ncrc8909	16787	ncrc8998
16548	ncrc6992	16608	ncrc7086	16668	ncrc7181	16728	ncrc8910	16788	ncrc8999
16549	ncrc6993	16609	ncrc7089	16669	ncrc7182	16729	ncrc8911	16789	ncrc9000
16550	ncrc6994	16610	ncrc7090	16670	ncrc7184	16730	ncrc8912	16790	ncrc9002
16551	ncrc6995	16611	ncrc7091	16671	ncrc7185	16731	ncrc8915	16791	ncrc9003
16552	ncrc6996	16612	ncrc7092	16672	ncrc7186	16732	ncrc8916	16792	ncrc9004
16553	ncrc6997	16613	ncrc7095	16673	ncrc7188	16733	ncrc8917	16793	ncrc9005
16554	ncrc7000	16614	ncrc7096	16674	ncrc7189	16734	ncrc8919	16794	ncrc9006
16555	ncrc7002	16615	ncrc7097	16675	ncrc7192	16735	ncrc8920	16795	ncrc9007
16556	ncrc7003	16616	ncrc7098	16676	ncrc7193	16736	ncrc8921	16796	ncrc9008
16557	ncrc7005	16617	ncrc7099	16677	ncrc7194	16737	ncrc8922	16797	ncrc9009
16558	ncrc7006	16618	ncrc7100	16678	ncrc7195	16738	ncrc8923	16798	ncrc9010
16559	ncrc7007	16619	ncrc7102	16679	ncrc7196	16739	ncrc8924	16799	ncrc9011
16560	ncrc7008	16620	ncrc7103	16680	ncrc8833	16740	ncrc8925	16800	ncrc9012

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EST Sequence Names From Normal Cartilage cDNA Library

16801	ncrc9013	16861	ncrc9100	16921	ncrc9191	16981	ncrc9270	17041	ncrc9345
16802	ncrc9015	16862	ncrc9101	16922	ncrc9193	16982	ncrc9271	17042	ncrc9347
16803	ncrc9016	16863	ncrc9103	16923	ncrc9194	16983	ncrc9272	17043	ncrc9349
16804	ncrc9018	16864	ncrc9105	16924	ncrc9195	16984	ncrc9273	17044	ncrc9351
16805	ncrc9019	16865	ncrc9106	16925	ncrc9196	16985	ncrc9274	17045	ncrc9354
16806	ncrc9020	16866	ncrc9107	16926	ncrc9197	16986	ncrc9276	17046	ncrc9355
16807	ncrc9021	16867	ncrc9108	16927	ncrc9200	16987	ncrc9278	17047	ncrc9356
16808	ncrc9022	16868	ncrc9112	16928	ncrc9201	16988	ncrc9279	17048	ncrc9358
16809	ncrc9023	16869	ncrc9113	16929	ncrc9202	16989	ncrc9280	17049	ncrc9359
16810	ncrc9024	16870	ncrc9114	16930	ncrc9203	16990	ncrc9281	17050	ncrc9360
16811	ncrc9025	16871	ncrc9115	16931	ncrc9204	16991	ncrc9283	17051	ncrc9361
16812	ncrc9026	16872	ncrc9116	16932	ncrc9205	16992	ncrc9284	17052	ncrc9363
16813	ncrc9027	16873	ncrc9117	16933	ncrc9207	16993	ncrc9285	17053	ncrc9364
16814	ncrc9028	16874	ncrc9118	16934	ncrc9208	16994	ncrc9286	17054	ncrc9365
16815	ncrc9031	16875	ncrc9119	16935	ncrc9210	16995	ncrc9288	17055	ncrc9366
16816	ncrc9032	16876	ncrc9120	16936	ncrc9211	16996	ncrc9289	17056	ncrc9368
16817	ncrc9033	16877	ncrc9121	16937	ncrc9212	16997	ncrc9290	17057	ncrc9369
16818	ncrc9035	16878	ncrc9124	16938	ncrc9215	16998	ncrc9291	17058	ncrc9370
16819	ncrc9037	16879	ncrc9127	16939	ncrc9217	16999	ncrc9292	17059	ncrc9371
16820	ncrc9039	16880	ncrc9128	16940	ncrc9218	17000	ncrc9293	17060	ncrc9372
16821	ncrc9040	16881	ncrc9131	16941	ncrc9220	17001	ncrc9294	17061	ncrc9376
16822	ncrc9041	16882	ncrc9132	16942	ncrc9223	17002	ncrc9295	17062	ncrc9377
16823	ncrc9043	16883	ncrc9135	16943	ncrc9224	17003	ncrc9296	17063	ncrc9381
16824	ncrc9044	16884	ncrc9136	16944	ncrc9225	17004	ncrc9298	17064	ncrc9382
16825	ncrc9047	16885	ncrc9139	16945	ncrc9227	17005	ncrc9299	17065	ncrc9384
16826	ncrc9048	16886	ncrc9140	16946	ncrc9228	17006	ncrc9300	17066	ncrc9385
16827	ncrc9049	16887	ncrc9141	16947	ncrc9229	17007	ncrc9301	17067	ncrc9386
16828	ncrc9050	16888	ncrc9145	16948	ncrc9230	17008	ncrc9304	17068	ncrc9387
16829	ncrc9051	16889	ncrc9147	16949	ncrc9231	17009	ncrc9305	17069	ncrc9390
16830	ncrc9052	16890	ncrc9148	16950	ncrc9232	17010	ncrc9306	17070	ncrc9391
16831	ncrc9053	16891	ncrc9149	16951	ncrc9233	17011	ncrc9307	17071	ncrc9392
16832	ncrc9055	16892	ncrc9152	16952	ncrc9235	17012	ncrc9308	17072	ncrc9393
16833	ncrc9056	16893	ncrc9153	16953	ncrc9237	17013	ncrc9309	17073	ncrc9394
16834	ncrc9057	16894	ncrc9155	16954	ncrc9239	17014	ncrc9310	17074	ncrc9396
16835	ncrc9060	16895	ncrc9157	16955	ncrc9240	17015	ncrc9311	17075	ncrc9397
16836	ncrc9061	16896	ncrc9159	16956	ncrc9242	17016	ncrc9312	17076	ncrc9399
16837	ncrc9063	16897	ncrc9160	16957	ncrc9243	17017	ncrc9313	17077	ncrc9400
16838	ncrc9064	16898	ncrc9161	16958	ncrc9244	17018	ncrc9315	17078	ncrc9401
16839	ncrc9065	16899	ncrc9163	16959	ncrc9245	17019	ncrc9316	17079	ncrc9403
16840	ncrc9067	16900	ncrc9164	16960	ncrc9246	17020	ncrc9318	17080	ncrc9404
16841	ncrc9071	16901	ncrc9166	16961	ncrc9247	17021	ncrc9320	17081	ncrc9405
16842	ncrc9073	16902	ncrc9167	16962	ncrc9248	17022	ncrc9321	17082	ncrc9406
16843	ncrc9077	16903	ncrc9168	16963	ncrc9249	17023	ncrc9322	17083	ncrc9408
16844	ncrc9078	16904	ncrc9169	16964	ncrc9250	17024	ncrc9323	17084	ncrc9410
16845	ncrc9079	16905	ncrc9172	16965	ncrc9251	17025	ncrc9324	17085	ncrc9411
16846	ncrc9080	16906	ncrc9173	16966	ncrc9252	17026	ncrc9325	17086	ncrc9412
16847	ncrc9081	16907	ncrc9174	16967	ncrc9253	17027	ncrc9326	17087	ncrc9415
16848	ncrc9082	16908	ncrc9175	16968	ncrc9254	17028	ncrc9327	17088	ncrc9417
16849	ncrc9083	16909	ncrc9177	16969	ncrc9255	17029	ncrc9328	17089	ncrc9420
16850	ncrc9084	16910	ncrc9178	16970	ncrc9256	17030	ncrc9329	17090	ncrc9421
16851	ncrc9085	16911	ncrc9179	16971	ncrc9257	17031	ncrc9331	17091	ncrc9424
16852	ncrc9086	16912	ncrc9180	16972	ncrc9258	17032	ncrc9332	17092	ncrc9425
16853	ncrc9088	16913	ncrc9181	16973	ncrc9259	17033	ncrc9335	17093	ncrc9427
16854	ncrc9090	16914	ncrc9182	16974	ncrc9260	17034	ncrc9336	17094	ncrc9428
16855	ncrc9092	16915	ncrc9183	16975	ncrc9261	17035	ncrc9338	17095	ncrc9429
16856	ncrc9093	16916	ncrc9185	16976	ncrc9262	17036	ncrc9339	17096	ncrc9431
16857	ncrc9094	16917	ncrc9187	16977	ncrc9263	17037	ncrc9340	17097	ncrc9432
16858	ncrc9095	16918	ncrc9188	16978	ncrc9267	17038	ncrc9342	17098	ncrc9433
16859	ncrc9096	16919	ncrc9189	16979	ncrc9268	17039	ncrc9343	17099	ncrc9434
16860	ncrc9098	16920	ncrc9190	16980	ncrc9269	17040	ncrc9344	17100	ncrc9435

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17101	ncrc9436	17161	ncrc9517	17221	ncrc9615	17281	ncrc9707	17341	ncrc9798
17102	ncrc9437	17162	ncrc9519	17222	ncrc9616	17282	ncrc9708	17342	ncrc9802
17103	ncrc9438	17163	ncrc9523	17223	ncrc9617	17283	ncrc9709	17343	ncrc9804
17104	ncrc9439	17164	ncrc9524	17224	ncrc9619	17284	ncrc9710	17344	ncrc9805
17105	ncrc9440	17165	ncrc9525	17225	ncrc9620	17285	ncrc9711	17345	ncrc9807
17106	ncrc9443	17166	ncrc9527	17226	ncrc9625	17286	ncrc9712	17346	ncrc9808
17107	ncrc9445	17167	ncrc9528	17227	ncrc9627	17287	ncrc9716	17347	ncrc9809
17108	ncrc9446	17168	ncrc9530	17228	ncrc9629	17288	ncrc9717	17348	ncrc9811
17109	ncrc9447	17169	ncrc9531	17229	ncrc9631	17289	ncrc9720	17349	ncrc9813
17110	ncrc9448	17170	ncrc9535	17230	ncrc9633	17290	ncrc9721	17350	ncrc9815
17111	ncrc9450	17171	ncrc9539	17231	ncrc9635	17291	ncrc9722	17351	ncrc9817
17112	ncrc9451	17172	ncrc9542	17232	ncrc9637	17292	ncrc9723	17352	ncrc9819
17113	ncrc9452	17173	ncrc9543	17233	ncrc9639	17293	ncrc9724	17353	ncrc9821
17114	ncrc9455	17174	ncrc9545	17234	ncrc9641	17294	ncrc9725	17354	ncrc9822
17115	ncrc9456	17175	ncrc9546	17235	ncrc9642	17295	ncrc9726	17355	ncrc9823
17116	ncrc9457	17176	ncrc9547	17236	ncrc9643	17296	ncrc9727	17356	ncrc9825
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17118	ncrc9461	17178	ncrc9549	17238	ncrc9647	17298	ncrc9729	17358	ncrc9830
17119	ncrc9462	17179	ncrc9550	17239	ncrc9648	17299	ncrc9735	17359	ncrc9832
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17122	ncrc9466	17182	ncrc9555	17242	ncrc9652	17302	ncrc9738	17362	ncrc9836
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17124	ncrc9468	17184	ncrc9558	17244	ncrc9654	17304	ncrc9742	17364	ncrc9841
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17129	ncrc9473	17189	ncrc9564	17249	ncrc9660	17309	ncrc9748	17369	ncrc9849
17130	ncrc9474	17190	ncrc9566	17250	ncrc9661	17310	ncrc9749	17370	ncrc9850
17131	ncrc9475	17191	ncrc9567	17251	ncrc9664	17311	ncrc9750	17371	ncrc9851
17132	ncrc9478	17192	ncrc9570	17252	ncrc9669	17312	ncrc9751	17372	ncrc9852
17133	ncrc9480	17193	ncrc9572	17253	ncrc9671	17313	ncrc9752	17373	ncrc9855
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17151	ncrc9502	17211	ncrc9596	17271	ncrc9692	17331	ncrc9779	17391	ncrc9880
17152	ncrc9503	17212	ncrc9597	17272	ncrc9694	17332	ncrc9783	17392	ncrc9881
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17157	ncrc9508	17217	ncrc9607	17277	ncrc9700	17337	ncrc9793	17397	ncrc9890
17158	ncrc9513	17218	ncrc9608	17278	ncrc9703	17338	ncrc9794	17398	ncrc9891
17159	ncrc9514	17219	ncrc9611	17279	ncrc9704	17339	ncrc9795	17399	ncrc9892
17160	ncrc9515	17220	ncrc9612	17280	ncrc9705	17340	ncrc9796	17400	ncrc9894

Figure 6C – List of EST Sequence Names From Normal Cartilage cDNA Library – Page 59 of 61

17401	ncrc9899	17413	ncrc9914	17425	ncrc9936	17437	ncrc9952	17449	ncrc9969
17402	ncrc9900	17414	ncrc9916	17426	ncrc9937	17438	ncrc9954	17450	ncrc9970
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17404	ncrc9903	17416	ncrc9919	17428	ncrc9940	17440	ncrc9956	17452	ncrc9973
17405	ncrc9904	17417	ncrc9920	17429	ncrc9941	17441	ncrc9957	17453	ncrc9975
17406	ncrc9905	17418	ncrc9921	17430	ncrc9942	17442	ncrc9958	17454	ncrc9976
17407	ncrc9908	17419	ncrc9923	17431	ncrc9943	17443	ncrc9959	17455	ncrc9978
17408	ncrc9909	17420	ncrc9924	17432	ncrc9944	17444	ncrc9960	17456	ncrc9980
17409	ncrc9910	17421	ncrc9925	17433	ncrc9945	17445	ncrc9961	17457	ncrc9982
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17412	ncrc9913	17424	ncrc9935	17436	ncrc9949	17448	ncrc9967		

Figure 6C – List of EST Sequence Names From Normal Cartilage cDNA Library – Page 60 of 61

17459	contigapri02-010014	17519	contigmar20-20010038	17579	contigmar26-010016
17460	contigapri02-010015	17520	contigmar20-20010039	17580	contigmar26-010017
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17463	contigapri02-010018	17523	contigmar21-010004	17583	contigmar26-010020
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17473	contigapri03-010007	17533	contigmar21-010016	17593	contigmar27-010014
17474	contigapri03-010008	17534	contigmar21-010017	17594	contigmar27-010015
17475	contigapri03-010009	17535	contigmar21-010018	17595	contigmar27-010016
17476	contigapri03-010010	17536	contigmar21-010020	17596	contigmar27-010017
17477	contigapri03-010011	17537	contigmar21-010021	17597	contigmar27-010018
17478	contigapri03-010012	17538	contigmar21-010022	17598	contigmar28-29-010002
17479	contigapri03-010013	17539	contigmar22-010003	17599	contigmar28-29-010003
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17482	contigapri03-010017	17542	contigmar22-010007	17602	contigmar28-29-010006
17483	contigapri05-010021	17543	contigmar22-010008	17603	contigmar28-29-010007
17484	contigapri05-010022	17544	contigmar22-010009	17604	contigmar28-29-010009
17485	contigapri05-010024	17545	contigmar22-010010	17605	contigmar28-29-010013
17486	contigapri05-010025	17546	contigmar22-010011	17606	contigmar28-29-010016
17487	contigapri05-010026	17547	contigmar22-010012	17607	contigmar28-29-010017
17488	contigapri05-010027	17548	contigmar22-010013	17608	contigmar28-29-010021
17489	contigapri05-010028	17549	contigmar22-010014	17609	contigmar28-29-010022
17490	contigapri05-010029	17550	contigmar22-010016	17610	contigmar28-29-010023
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17493	contigapri05-010032	17553	contigmar22-010019	17613	contigmar28-29-010028
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17496	contigapri05-010035	17556	contigmar23-010002	17616	contigmar28-29-010033
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17499	contigapri05-010038	17559	contigmar23-010008	17619	contigmar28-29-010036
17500	contigapri05-010039	17560	contigmar23-010009	17620	contigmar28-29-010037
17501	contigapri06-010002	17561	contigmar23-010010	17621	contigmar28-29-010038
17502	contigapri06-010003	17562	contigmar23-010012	17622	contigmar30-010002
17503	contigapri06-010004	17563	contigmar23-010013	17623	contigmar30-010003
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17505	contigmar20-20010022	17565	contigmar23-010016	17625	contigmar30-010007
17506	contigmar20-20010023	17566	contigmar23-010017	17626	contigmar30-010008
17507	contigmar20-20010024	17567	contigmar23-010018	17627	contigmar30-010010
17508	contigmar20-20010026	17568	contigmar23-010019	17628	contigmar30-010011
17509	contigmar20-20010027	17569	contigmar23-010020	17629	contigmar30-010012
17510	contigmar20-20010028	17570	contigmar26-010002	17630	contigmar30-010013
17511	contigmar20-20010029	17571	contigmar26-010003	17631	contigmar30-010014
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17515	contigmar20-20010034	17575	contigmar26-010008	17635	contigmar30-010018
17516	contigmar20-20010035	17576	contigmar26-010010	17636	contigmar30-010019
17517	contigmar20-20010036	17577	contigmar26-010011	17637	contigmar30-010020
17518	contigmar20-20010037	17578	contigmar26-010013	17638	contigmar30-010021

17639 contigmar30-010022

contigmar30-010022



Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 1 of 43

1	MIOA0002a	61	MIOA0084a	121	MIOA0159	181	MIOA0226a	241	MIOA0292
2	MIOA0003a	62	MIOA0085a	122	MIOA0160	182	MIOA0227a	242	MIOA0293n
3	mioa0004a	63	MIOA0086a	123	mioa0161	183	mioa0228a	243	MIOA0294
4	MIOA0005a	64	MIOA0087a	124	MIOA0162	184	MIOA0229a	244	MIOA0295
5	MIOA0006a	65	MIOA0088a	125	MIOA0164	185	MIOA0230a	245	MIOA0296
6	MIOA0008a	66	MIOA0089a	126	MIOA0165	186	MIOA0231a	246	MIOA0297
7	MIOA0010a	67	MIOA0090a	127	MIOA0166	187	MIOA0232a	247	MIOA0298n
8	MIOA0011a	68	MIOA0092a	128	MIOA0167	188	MIOA0233a	248	MIOA0299n
9	MIOA0013a	69	MIOA0093a	129	MIOA0168n	189	MIOA0234a	249	MIOA0300
10	MIOA0019a	70	MIOA0095a	130	MIOA0169	190	mioa0235a	250	MIOA0302
11	MIOA0022a	71	MIOA0096a	131	MIOA0170	191	MIOA0236a	251	MIOA0303
12	MIOA0024a	72	MIOA0097	132	MIOA0171	192	MIOA0237a	252	mioa0304
13	MIOA0025a	73	MIOA0098	133	MIOA0172	193	MIOA0238a	253	MIOA0306n
14	MIOA0026a	74	MIOA0099	134	MIOA0174	194	MIOA0240a	254	MIOA0307
15	MIOA0028a	75	MIOA0100	135	MIOA0175n	195	MIOA0241a	255	MIOA0308
16	MIOA0029a	76	MIOA0101	136	MIOA0176	196	MIOA0242a	256	MIOA0309
17	MIOA0030a	77	MIOA0102	137	MIOA0177n	197	MIOA0243a	257	MIOA0310
18	MIOA0031a	78	MIOA0103	138	MIOA0178	198	MIOA0245a	258	MIOA0311n
19	MIOA0032a	79	MIOA0104	139	MIOA0179	199	MIOA0246a	259	MIOA0312n
20	MIOA0033a	80	MIOA0105	140	MIOA0180	200	MIOA0247a	260	MIOA0314
21	MIOA0035a	81	mioa0108m	141	MIOA0181	201	MIOA0248a	261	MIOA0315
22	MIOA0036a	82	MIOA0109	142	MIOA0182	202	MIOA0249a	262	MIOA0316
23	MIOA0037a	83	mioa0110	143	MIOA0183	203	MIOA0250a	263	MIOA0317
24	MIOA0038a	84	MIOA0111	144	MIOA0184	204	MIOA0251a	264	MIOA0318
25	MIOA0039a	85	mioa0113	145	MIOA0185	205	MIOA0252a	265	MIOA0320
26	MIOA0042a	86	mioa0114	146	MIOA0186	206	MIOA0253a	266	MIOA0321
27	MIOA0044a	87	mioa0115	147	MIOA0187n	207	MIOA0254a	267	MIOA0322
28	MIOA0045a	88	MIOA0116	148	MIOA0188	208	MIOA0255a	268	MIOA0323
29	MIOA0046a	89	MIOA0117	149	MIOA0189	209	MIOA0256a	269	MIOA0324
30	MIOA0047a	90	mioa0118	150	MIOA0190	210	MIOA0257	270	MIOA0325
31	MIOA0049a	91	MIOA0119	151	MIOA0191n	211	mioa0258n	271	MIOA0327
32	MIOA0051a	92	MIOA0122	152	MIOA0192	212	MIOA0259	272	MIOA0328
33	MIOA0053a	93	MIOA0125	153	MIOA0193a	213	MIOA0261	273	MIOA0329n
34	MIOA0054a	94	MIOA0126	154	MIOA0195a	214	MIOA0262	274	MIOA0330n
35	MIOA0055a	95	MIOA0127	155	MIOA0197a	215	MIOA0263	275	MIOA0331
36	MIOA0056a	96	MIOA0128	156	MIOA0198a	216	MIOA0264	276	MIOA0332
37	MIOA0057a	97	MIOA0131	157	MIOA0199a	217	mioa0265nn	277	mioa0334n
38	MIOA0058a	98	MIOA0132	158	MIOA0201a	218	MIOA0266n	278	MIOA0335
39	MIOA0059a	99	MIOA0134	159	MIOA0202a	219	MIOA0268	279	mioa0337m
40	MIOA0060a	100	MIOA0135	160	MIOA0203a	220	MIOA0269	280	MIOA0338
41	MIOA0061a	101	mioa0136m	161	MIOA0204a	221	MIOA0270	281	MIOA0339
42	MIOA0062a	102	MIOA0138	162	MIOA0205a	222	MIOA0271	282	mioa0340
43	MIOA0063a	103	MIOA0139	163	MIOA0207a	223	MIOA0273	283	MIOA0341
44	MIOA0064a	104	MIOA0140	164	MIOA0208a	224	MIOA0274	284	MIOA0342
45	MIOA0065a	105	MIOA0141	165	MIOA0209a	225	mioa0275n	285	MIOA0343n
46	MIOA0066a	106	MIOA0142	166	mioa0210a	226	MIOA0276	286	MIOA0344
47	MIOA0067A	107	MIOA0143	167	MIOA0211a	227	MIOA0277	287	MIOA0346n
48	mioa0068a	108	MIOA0145	168	MIOA0212a	228	MIOA0278	288	mioa0347m
49	MIOA0070a	109	MIOA0146	169	MIOA0213a	229	MIOA0279	289	mioa0348m
50	MIOA0071a	110	MIOA0147	170	MIOA0214a	230	MIOA0280	290	mioa0350m
51	MIOA0072a	111	MIOA0149	171	MIOA0215a	231	MIOA0281n	291	mioa0351m
52	MIOA0073a	112	MIOA0150	172	MIOA0217a	232	MIOA0282	292	MIOA0354a
53	MIOA0074a	113	MIOA0151	173	MIOA0218a	233	MIOA0283	293	mioa0355a
54	MIOA0075a	114	MIOA0152	174	MIOA0219a	234	MIOA0284	294	MIOA0358a
55	MIOA0076a	115	mioa0153	175	MIOA0220a	235	MIOA0285	295	MIOA0359a
56	MIOA0077a	116	MIOA0154	176	MIOA0221a	236	MIOA0286	296	MIOA0360a
57	MIOA0078a	117	MIOA0155	177	mioa0222a	237	MIOA0288	297	MIOA0361a
58	MIOA0081a	118	mioa0156	178	MIOA0223a	238	MIOA0289	298	MIOA0363a
59	mioa0082a	119	MIOA0157	179	MIOA0224a	239	MIOA0290	299	MIOA0364a
60	mioa0083a	120	MIOA0158	180	mioa0225a	240	MIOA0291	300	MIOA0365a

Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 2 of 43

301	MIOA0366a	361	MIOA0471	421	MIOA0537	481	mioa0605a	541	mioa0709m
302	MIOA0367a	362	MIOA0472	422	MIOA0538	482	MIOA0607a	542	MIOA0710
303	MIOA0368a	363	MIOA0473	423	MIOA0540	483	MIOA0608a	543	MIOA0711
304	MIOA0370a	364	MIOA0474	424	MIOA0541n	484	MIOA0610a	544	MIOA0712
305	MIOA0372a	365	MIOA0475	425	mioa0542n	485	MIOA0611a	545	MIOA0713
306	MIOA0373a	366	MIOA0476	426	MIOA0543	486	MIOA0613a	546	MIOA0714
307	MIOA0375a	367	MIOA0477	427	MIOA0544	487	mioa0614a	547	MIOA0715
308	MIOA0378a	368	MIOA0478	428	mioa0545a	488	MIOA0616a	548	MIOA0716
309	MIOA0379a	369	MIOA0479n	429	MIOA0546a	489	MIOA0618a	549	mioa0717
310	MIOA0380a	370	mioa0480m	430	mioa0548an	490	MIOA0621a	550	MIOA0718
311	MIOA0381a	371	MIOA0481n	431	MIOA0550a	491	MIOA0622a	551	MIOA0719
312	MIOA0382a	372	MIOA0482n	432	MIOA0551a	492	MIOA0624a	552	MIOA0720n
313	MIOA0384a	373	MIOA0483	433	MIOA0553a	493	MIOA0625a	553	MIOA0721
314	MIOA0387a	374	MIOA0484	434	MIOA0554a	494	MIOA0626a	554	MIOA0722
315	MIOA0388a	375	MIOA0485	435	mioa0555a	495	mioa0629a	555	MIOA0723
316	MIOA0390a	376	MIOA0486	436	mioa0556a	496	MIOA0630a	556	MIOA0724
317	MIOA0392a	377	MIOA0487	437	mioa0557a	497	MIOA0632a	557	MIOA0725
318	MIOA0393a	378	MIOA0488n	438	mioa0558a	498	MIOA0633a	558	MIOA0726n
319	MIOA0394a	379	MIOA0489	439	MIOA0559n	499	MIOA0637a	559	MIOA0727
320	MIOA0395a	380	mioa0491m	440	mioa0560a	500	MIOA0639a	560	MIOA0728
321	MIOA0397a	381	mioa0492m	441	mioa0561a	501	mioa0640an	561	MIOA0729
322	MIOA0398a	382	MIOA0493	442	mioa0562a	502	MIOA0641	562	MIOA0730
323	MIOA0400a	383	MIOA0494	443	mioa0563a	503	MIOA0642	563	MIOA0731
324	MIOA0401a	384	MIOA0495	444	mioa0564a	504	MIOA0643n	564	MIOA0732
325	MIOA0404a	385	MIOA0497n	445	MIOA0565n	505	MIOA0644	565	MIOA0733
326	MIOA0405a	386	MIOA0498n	446	mioa0566a	506	MIOA0645	566	MIOA0734
327	MIOA0407a	387	MIOA0500	447	mioa0567a	507	MIOA0646	567	MIOA0735
328	MIOA0408a	388	MIOA0501	448	mioa0568	508	MIOA0647	568	MIOA0736
329	MIOA0409a	389	MIOA0502	449	mioa0569a	509	MIOA0648	569	mioa0737m
330	MIOA0410a	390	mioa0503m	450	mioa0571a	510	MIOA0650	570	mioa0738m
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332	mioa0412a	392	MIOA0505n	452	mioa0573a	512	MIOA0652	572	mioa0740m
333	MIOA0413a	393	mioa0506m	453	mioa0574	513	MIOA0653	573	mioa0741m
334	MIOA0414a	394	mioa0507m	454	mioa0575a	514	MIOA0677	574	MIOA0742
335	MIOA0415a	395	MIOA0508n	455	mioa0576a	515	MIOA0679	575	mioa0743
336	MIOA0416a	396	mioa0509	456	MIOA0577a	516	MIOA0680	576	MIOA0744
337	MIOA0417a	397	MIOA0510	457	MIOA0578a	517	MIOA0681n	577	MIOA0745
338	MIOA0418a	398	mioa0511m	458	MIOA0579a	518	MIOA0682n	578	MIOA0746
339	MIOA0419a	399	MIOA0513n	459	MIOA0580a	519	MIOA0683	579	MIOA0747
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341	MIOA0449	401	MIOA0515	461	MIOA0582a	521	MIOA0685	581	MIOA0749
342	MIOA0450	402	MIOA0516	462	MIOA0584a	522	MIOA0688	582	MIOA0750
343	MIOA0451	403	MIOA0517	463	MIOA0585a	523	MIOA0689	583	MIOA0751
344	MIOA0452	404	MIOA0518	464	MIOA0586a	524	mioa0690	584	MIOA0752
345	MIOA0453	405	MIOA0519n	465	MIOA0587a	525	MIOA0691	585	MIOA0753n
346	MIOA0454	406	mioa0520n	466	MIOA0588a	526	MIOA0692	586	mioa0754m
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348	MIOA0456	408	MIOA0522	468	MIOA0590a	528	MIOA0694	588	MIOA0756
349	mioa0457m	409	mioa0524	469	MIOA0591a	529	MIOA0696	589	MIOA0757
350	MIOA0458	410	MIOA0525	470	MIOA0592a	530	MIOA0697	590	MIOA0758
351	MIOA0459	411	MIOA0526	471	MIOA0593a	531	MIOA0698	591	MIOA0759
352	MIOA0460	412	MIOA0528	472	MIOA0594a	532	mioa0699	592	MIOA0760
353	MIOA0461	413	MIOA0529	473	MIOA0595a	533	MIOA0701	593	mioa0761
354	mioa0462n	414	MIOA0530	474	MIOA0597a	534	MIOA0702	594	mioa0762m
355	mioa0463m	415	MIOA0531	475	MIOA0598a	535	MIOA0703	595	MIOA0763n
356	MIOA0464	416	MIOA0532	476	MIOA0600a	536	MIOA0704	596	mioa0764
357	MIOA0466	417	MIOA0533	477	MIOA0601a	537	MIOA0705	597	MIOA0765n
358	MIOA0467	418	MIOA0534	478	MIOA0602a	538	MIOA0706	598	mioa0766n
359	MIOA0468	419	MIOA0535n	479	MIOA0603a	539	MIOA0707	599	mioa0767
360	MIOA0469	420	MIOA0536	480	MIOA0604a	540	MIOA0708	600	MIOA0768n

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601	MIOA0769n	661	MIOA0844a	721	mioa0920a	781	MIOA0990n	841	mioa1059
602	MIOA0770n	662	MIOA0845a	722	MIOA0921a	782	mioa0991nn	842	MIOA1060
603	MIOA0772	663	MIOA0846a	723	MIOA0923a	783	mioa0992n	843	MIOA1061
604	MIOA0773	664	MIOA0847a	724	MIOA0924a	784	MIOA0993n	844	MIOA1062
605	mioa0774n	665	MIOA0848a	725	MIOA0925a	785	MIOA0994	845	MIOA1063
606	MIOA0775n	666	mioa0849a	726	MIOA0927a	786	MIOA0995	846	MIOA1065
607	MIOA0776n	667	MIOA0850a	727	MIOA0929	787	mioa0996n	847	MIOA1066
608	MIOA0777n	668	MIOA0851a	728	MIOA0930	788	MIOA0997n	848	MIOA1067
609	MIOA0778	669	MIOA0852a	729	MIOA0931	789	MIOA0998	849	MIOA1068
610	MIOA0779	670	MIOA0855a	730	mioa0932	790	mioa0999	850	MIOA1070
611	mioa0780n	671	MIOA0857a	731	MIOA0933	791	MIOA1000	851	MIOA1071
612	MIOA0781	672	MIOA0860a	732	MIOA0934	792	MIOA1001	852	mioa1072
613	MIOA0782n	673	MIOA0861a	733	MIOA0935	793	mioa1003	853	MIOA1073
614	MIOA0783n	674	MIOA0862a	734	MIOA0936	794	MIOA1004	854	MIOA1074
615	mioa0785m	675	MIOA0865a	735	MIOA0937	795	MIOA1005	855	mioa1075
616	mioa0786m	676	MIOA0866a	736	MIOA0938	796	MIOA1006	856	MIOA1076
617	mioa0787m	677	MIOA0868a	737	MIOA0940	797	MIOA1007	857	MIOA1077
618	mioa0788m	678	MIOA0869a	738	MIOA0941	798	MIOA1008	858	MIOA1078
619	mioa0789m	679	MIOA0873a	739	MIOA0942	799	MIOA1009	859	MIOA1079
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622	MIOA0792	682	MIOA0876a	742	MIOA0946	802	MIOA1013	862	MIOA1082
623	MIOA0793	683	MIOA0877a	743	MIOA0947	803	MIOA1014	863	MIOA1083
624	MIOA0794	684	MIOA0878a	744	MIOA0948	804	MIOA1015	864	MIOA1084
625	MIOA0795n	685	MIOA0879a	745	MIOA0949	805	MIOA1016	865	MIOA1085
626	MIOA0797	686	MIOA0880a	746	mioa0950	806	MIOA1018	866	mioa1086
627	mioa0798	687	MIOA0882a	747	MIOA0951	807	mioa1019	867	mioa1087
628	mioa0800m	688	MIOA0884a	748	MIOA0952	808	mioa1021m	868	MIOA1088
629	MIOA0802	689	MIOA0885a	749	MIOA0953	809	mioa1022m	869	MIOA1089
630	MIOA0803	690	MIOA0886a	750	MIOA0954	810	MIOA1024	870	MIOA1090
631	MIOA0804	691	MIOA0887a	751	MIOA0955	811	MIOA1025	871	MIOA1091
632	mioa0806	692	MIOA0888a	752	MIOA0956	812	MIOA1026	872	mioa1092
633	MIOA0807	693	MIOA0890a	753	MIOA0958	813	MIOA1027	873	MIOA1094
634	MIOA0808	694	MIOA0891a	754	MIOA0959	814	MIOA1028	874	MIOA1095
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636	MIOA0811	696	MIOA0893a	756	MIOA0961	816	mioa1030n	876	mioa1097
637	MIOA0813	697	MIOA0894a	757	MIOA0962	817	mioa1031m	877	MIOA1099
638	MIOA0814	698	MIOA0896a	758	mioa0963n	818	mioa1032m	878	MIOA1100
639	MIOA0816	699	MIOA0897a	759	MIOA0964	819	mioa1033m	879	mioa1101m
640	mioa0817	700	MIOA0898a	760	MIOA0965	820	mioa1034m	880	MIOA1102
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642	mioa0819	702	MIOA0900a	762	MIOA0967	822	mioa1036m	882	MIOA1104
643	MIOA0820	703	MIOA0901a	763	MIOA0968	823	mioa1039m	883	MIOA1106
644	MIOA0821	704	MIOA0902a	764	MIOA0969n	824	mioa1040m	884	MIOA1107
645	mioa0823	705	MIOA0903a	765	MIOA0970	825	mioa1042m	885	mioa1108m
646	MIOA0824	706	MIOA0904a	766	mioa0971	826	mioa1043m	886	mioa1109m
647	MIOA0825	707	MIOA0905a	767	MIOA0972	827	MIOA1044	887	mioa1110m
648	MIOA0826	708	MIOA0906a	768	MIOA0974	828	mioa1045	888	mioa1111m
649	MIOA0827	709	MIOA0907a	769	MIOA0975n	829	MIOA1047	889	mioa1112m
650	MIOA0830	710	MIOA0908a	770	MIOA0977	830	MIOA1048	890	mioa1116m
651	MIOA0831	711	MIOA0909a	771	mioa0978n	831	MIOA1049	891	mioa1118m
652	MIOA0832	712	MIOA0910a	772	MIOA0980	832	MIOA1050	892	mioa1119m
653	MIOA0833a	713	mioa0911a	773	MIOA0981	833	MIOA1051	893	MIOA1120
654	MIOA0835a	714	MIOA0912a	774	MIOA0982	834	mioa1052	894	MIOA1121
655	MIOA0837a	715	MIOA0913a	775	MIOA0983	835	MIOA1053	895	MIOA1122
656	MIOA0838a	716	MIOA0915a	776	MIOA0984	836	mioa1054	896	MIOA1123
657	MIOA0839a	717	MIOA0916a	777	MIOA0985	837	MIOA1055	897	MIOA1126
658	MIOA0840a	718	MIOA0917a	778	MIOA0986	838	MIOA1056	898	mioa1127m
659	MIOA0842a	719	mioa0918a	779	mioa0987n	839	MIOA1057	899	MIOA1128
660	MIOA0843a	720	MIOA0919a	780	MIOA0989n	840	MIOA1058	900	MIOA1130

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901	MIOA1131	961	MIOA1201	1021	MIOA1278m	1081	MIOA1349a	1141	MIOA1421n
902	MIOA1132	962	MIOA1204	1022	MIOA1279m	1082	MIOA1350a	1142	MIOA1422
903	mioa1133	963	MIOA1205	1023	MIOA1281m	1083	MIOA1351a	1143	MIOA1423
904	mioa1134	964	MIOA1206	1024	MIOA1283m	1084	mioa1352a	1144	MIOA1424
905	MIOA1135	965	MIOA1208	1025	MIOA1284	1085	MIOA1353a	1145	MIOA1426
906	MIOA1136	966	MIOA1210	1026	MIOA1285	1086	MIOA1354a	1146	MIOA1427
907	MIOA1137	967	MIOA1211	1027	MIOA1286	1087	MIOA1356a	1147	MIOA1428
908	mioa1138	968	mioa1212	1028	MIOA1287	1088	MIOA1358a	1148	MIOA1429
909	mioa1139	969	MIOA1213	1029	MIOA1288	1089	MIOA1359a	1149	MIOA1431
910	MIOA1140	970	MIOA1214	1030	MIOA1289	1090	MIOA1360a	1150	MIOA1432
911	MIOA1141	971	mioa1215m	1031	MIOA1290	1091	MIOA1361a	1151	MIOA1433
912	mioa1142m	972	mioa1216m	1032	MIOA1291n	1092	MIOA1362a	1152	mioa1434
913	MIOA1143	973	mioa1218m	1033	MIOA1292	1093	MIOA1363a	1153	MIOA1435
914	mioa1144	974	MIOA1222m	1034	MIOA1293n	1094	MIOA1364a	1154	mioa1436n
915	MIOA1145	975	MIOA1223m	1035	MIOA1294n	1095	MIOA1365a	1155	mioa1438n
916	MIOA1146	976	MIOA1224m	1036	MIOA1296	1096	MIOA1366a	1156	MIOA1439
917	MIOA1147	977	MIOA1225	1037	MIOA1297	1097	MIOA1367a	1157	MIOA1440
918	mioa1148n	978	MIOA1226	1038	MIOA1299	1098	MIOA1369a	1158	MIOA1441
919	MIOA1149	979	MIOA1227	1039	MIOA1300n	1099	MIOA1370a	1159	MIOA1442
920	MIOA1150	980	MIOA1228	1040	MIOA1301m	1100	MIOA1371a	1160	mioa1443
921	MIOA1151	981	MIOA1229	1041	MIOA1303	1101	MIOA1372a	1161	MIOA1444
922	mioa1152m	982	MIOA1230	1042	MIOA1304	1102	MIOA1373a	1162	MIOA1445
923	mioa1154	983	mioa1231	1043	MIOA1305	1103	MIOA1374a	1163	MIOA1446
924	mioa1156n	984	MIOA1233	1044	MIOA1306	1104	MIOA1375a	1164	MIOA1447
925	MIOA1157	985	MIOA1234	1045	MIOA1307	1105	MIOA1377a	1165	MIOA1448
926	MIOA1158	986	MIOA1235	1046	MIOA1308m	1106	MIOA1379a	1166	MIOA1450
927	MIOA1159	987	MIOA1236	1047	MIOA1309	1107	MIOA1380a	1167	mioa1452
928	MIOA1161	988	MIOA1237	1048	MIOA1310	1108	MIOA1381a	1168	MIOA1453
929	mioa1163	989	MIOA1239	1049	MIOA1311	1109	MIOA1382a	1169	MIOA1454
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931	MIOA1165	991	MIOA1242	1051	MIOA1313a	1111	MIOA1385a	1171	MIOA1456
932	MIOA1166	992	MIOA1243	1052	MIOA1314a	1112	MIOA1388a	1172	MIOA1457
933	MIOA1167	993	MIOA1244m	1053	MIOA1315a	1113	MIOA1390a	1173	MIOA1458
934	MIOA1169	994	MIOA1245	1054	MIOA1316a	1114	MIOA1391a	1174	MIOA1459
935	mioa1170	995	MIOA1246	1055	MIOA1317a	1115	MIOA1392a	1175	MIOA1460
936	mioa1171n	996	MIOA1247	1056	MIOA1318a	1116	MIOA1394a	1176	MIOA1461n
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938	MIOA1173	998	MIOA1249	1058	MIOA1320a	1118	MIOA1397a	1178	mioa1463
939	MIOA1174	999	MIOA1252	1059	MIOA1321a	1119	MIOA1398a	1179	MIOA1464
940	MIOA1176	1000	MIOA1253	1060	MIOA1322a	1120	MIOA1399a	1180	MIOA1465
941	MIOA1177	1001	MIOA1254	1061	MIOA1324a	1121	MIOA1400a	1181	MIOA1466
942	MIOA1178	1002	MIOA1255m	1062	MIOA1325a	1122	MIOA1401a	1182	mioa1467
943	mioa1179m	1003	mioa1256	1063	mioa1326a	1123	MIOA1402a	1183	mioa1468
944	MIOA1180	1004	MIOA1259	1064	MIOA1327a	1124	MIOA1403a	1184	MIOA1469
945	MIOA1181	1005	MIOA1260	1065	MIOA1329a	1125	mioa1405a	1185	MIOA1470
946	mioa1182	1006	MIOA1261	1066	MIOA1330a	1126	MIOA1406a	1186	mioa1471
947	mioa1183m	1007	MIOA1262n	1067	MIOA1331a	1127	MIOA1407a	1187	MIOA1472
948	mioa1184m	1008	MIOA1263	1068	MIOA1332a	1128	MIOA1408a	1188	MIOA1473
949	MIOA1185	1009	MIOA1264	1069	MIOA1333a	1129	MIOA1409	1189	MIOA1474
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951	MIOA1189	1011	MIOA1266	1071	MIOA1336a	1131	MIOA1411n	1191	MIOA1476
952	MIOA1190n	1012	MIOA1267	1072	MIOA1337a	1132	MIOA1412	1192	mioa1477
953	MIOA1191n	1013	MIOA1268	1073	MIOA1338a	1133	MIOA1413	1193	mioa1478
954	MIOA1192	1014	MIOA1269	1074	mioa1339a	1134	MIOA1414	1194	MIOA1479m
955	MIOA1193	1015	MIOA1270	1075	MIOA1341a	1135	MIOA1415	1195	MIOA1481
956	MIOA1196	1016	MIOA1273	1076	MIOA1342a	1136	MIOA1416	1196	MIOA1482m
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958	MIOA1198	1018	MIOA1275m	1078	MIOA1344a	1138	MIOA1418	1198	mioa1484n
959	MIOA1199	1019	MIOA1276m	1079	MIOA1346a	1139	MIOA1419	1199	MIOA1485
960	MIOA1200	1020	MIOA1277m	1080	MIOA1347a	1140	MIOA1420n	1200	MIOA1486

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1201	MIOA1487	1261	MIOA1556	1321	MIOA1622a	1381	MIOA1701a	1441	MIOA1784
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1204	MIOA1492m	1264	mioa1560	1324	MIOA1626a	1384	MIOA1706a	1444	MIOA1788
1205	MIOA1494	1265	mioa1561n	1325	MIOA1627a	1385	MIOA1707a	1445	MIOA1790
1206	MIOA1495m	1266	mioa1562	1326	MIOA1628a	1386	MIOA1708a	1446	MIOA1791
1207	MIOA1496	1267	MIOA1563m	1327	mioa1630a	1387	MIOA1711a	1447	MIOA1792
1208	MIOA1497	1268	mioa1564m	1328	MIOA1632a	1388	MIOA1713a	1448	MIOA1793
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1211	mioa1503	1271	MIOA1567	1331	MIOA1635a	1391	MIOA1716a	1451	MIOA1797m
1212	MIOA1504	1272	mioa1568	1332	MIOA1636a	1392	MIOA1717a	1452	MIOA1798m
1213	MIOA1505	1273	MIOA1569	1333	MIOA1637a	1393	MIOA1718a	1453	mioa1800m
1214	mioa1506	1274	MIOA1570	1334	MIOA1638a	1394	mioa1719a	1454	MIOA1801m
1215	MIOA1508	1275	MIOA1571	1335	MIOA1639a	1395	MIOA1720a	1455	MIOA1802m
1216	MIOA1509	1276	mioa1572	1336	MIOA1640a	1396	mioa1721a	1456	MIOA1803m
1217	MIOA1511	1277	MIOA1573	1337	MIOA1641a	1397	MIOA1722a	1457	MIOA1809a
1218	MIOA1512n	1278	mioa1574	1338	MIOA1644a	1398	MIOA1723a	1458	MIOA1811a
1219	MIOA1513	1279	MIOA1575	1339	mioa1645a	1399	MIOA1724a	1459	MIOA1812a
1220	MIOA1514	1280	MIOA1576	1340	MIOA1646a	1400	MIOA1726a	1460	MIOA1814a
1221	MIOA1515	1281	MIOA1577	1341	MIOA1647a	1401	MIOA1727a	1461	MIOA1815a
1222	MIOA1516	1282	MIOA1578	1342	MIOA1648a	1402	MIOA1729a	1462	MIOA1817a
1223	MIOA1517	1283	MIOA1579	1343	MIOA1649a	1403	MIOA1731	1463	MIOA1818a
1224	mioa1518	1284	MIOA1580	1344	MIOA1650a	1404	MIOA1733	1464	MIOA1819a
1225	MIOA1519	1285	MIOA1581	1345	MIOA1651a	1405	MIOA1734	1465	MIOA1821a
1226	MIOA1520	1286	MIOA1582	1346	MIOA1652a	1406	MIOA1735	1466	MIOA1822a
1227	MIOA1521	1287	MIOA1583	1347	MIOA1654a	1407	MIOA1737	1467	MIOA1823a
1228	MIOA1522	1288	MIOA1584	1348	MIOA1655a	1408	MIOA1738	1468	MIOA1824a
1229	MIOA1524	1289	MIOA1585	1349	MIOA1656a	1409	MIOA1739	1469	MIOA1825a
1230	MIOA1525	1290	MIOA1586	1350	MIOA1657a	1410	MIOA1741	1470	MIOA1827a
1231	MIOA1526	1291	MIOA1587	1351	MIOA1658a	1411	MIOA1742	1471	mioa1828a
1232	MIOA1527	1292	MIOA1588	1352	MIOA1660a	1412	MIOA1743n	1472	MIOA1830a
1233	MIOA1528	1293	MIOA1589	1353	MIOA1661a	1413	mioa1745n	1473	MIOA1832a
1234	MIOA1529	1294	MIOA1590	1354	MIOA1662a	1414	MIOA1748	1474	MIOA1833a
1235	MIOA1530	1295	MIOA1592	1355	MIOA1664a	1415	mioa1750n	1475	MIOA1834a
1236	MIOA1531	1296	MIOA1593	1356	mioa1665a	1416	MIOA1752	1476	MIOA1835a
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1801	MIOA2244a	1861	MIOA2324a	1921	MIOA2400a	1981	MIOA2483a	2041	MIOA2564a
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2401	MIOA3079a	2461	MIOA3165a	2521	MIOA3255a	2581	MIOA3328a	2641	MIOA3397a
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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 10 of 43

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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 12 of 43

3301	MIOA4244	3361	MIOA4323a	3421	MIOA4415	3481	MIOA4544a	3541	MIOA4629a
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3601	MIOA4709	3661	MIOA4782a	3721	MIOA4868a	3781	MIOA4957a	3841	MIOA5047a
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3605	MIOA4713	3665	MIOA4787a	3725	MIOA4877a	3785	MIOA4964a	3845	MIOA5053a
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3607	MIOA4716	3667	MIOA4789a	3727	MIOA4880a	3787	MIOA4973a	3847	MIOA5056a
3608	MIOA4717	3668	MIOA4790a	3728	MIOA4881a	3788	MIOA4974a	3848	MIOA5057a
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3632	MIOA4745	3692	MIOA4820a	3752	MIOA4916a	3812	MIOA5010a	3872	MIOA5102a
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3636	MIOA4750	3696	MIOA4826a	3756	MIOA4922a	3816	MIOA5014a	3876	mioa5109a
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3639	MIOA4753	3699	MIOA4829a	3759	mioa4927an	3819	MIOA5017a	3879	MIOA5113a
3640	MIOA4754	3700	MIOA4830a	3760	MIOA4928a	3820	mioa5018an	3880	MIOA5114a
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3643	MIOA4757	3703	MIOA4836a	3763	MIOA4934a	3823	MIOA5021a	3883	MIOA5117a
3644	mioa4759	3704	MIOA4837a	3764	MIOA4935a	3824	MIOA5024a	3884	MIOA5118a
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3647	mioa4764	3707	MIOA4842a	3767	MIOA4940a	3827	MIOA5029a	3887	MIOA5121a
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3906	MIOA5147a	3966	MIOA5244a	4026	mioa5402a	4086	MIOA5484a	4146	MIOA5550a
3907	MIOA5149a	3967	mioa5245a	4027	MIOA5403a	4087	MIOA5485a	4147	MIOA5551a
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3909	MIOA5151a	3969	MIOA5248a	4029	MIOA5408a	4089	MIOA5487a	4149	MIOA5554a
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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 15 of 43

4201	MIOA5610a	4261	MIOA5687	4321	mioa5775a	4381	mioa5856a	4441	MIOA5933a
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6001	MIOA8103	6061	MIOA8176	6121	MIOA8251	6181	MIOA8334	6241	MIOA8417
6002	mioa8104	6062	MIOA8177	6122	MIOA8252	6182	MIOA8335	6242	MIOA8418
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6004	MIOA8106	6064	MIOA8181	6124	MIOA8258	6184	MIOA8337	6244	MIOA8422
6005	MIOA8107	6065	MIOA8182	6125	mioa8259	6185	MIOA8338	6245	MIOA8423
6006	MIOA8108	6066	MIOA8183	6126	MIOA8261	6186	MIOA8339	6246	MIOA8428
6007	MIOA8109	6067	mioa8184	6127	MIOA8262	6187	MIOA8341	6247	MIOA8429
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6060	MIOA8175	6120	MIOA8248	6180	MIOA8333	6240	MIOA8416	6300	MIOA8498

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6301	MIOA8499	6361	MIOA8573	6421	MIOA8651	6481	MIOA8724	6541	MIOA8795
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6304	MIOA8502	6364	MIOA8577	6424	MIOA8655	6484	MIOA8727	6544	MIOA8798
6305	MIOA8503	6365	MIOA8578	6425	MIOA8656	6485	MIOA8728	6545	MIOA8799
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6307	MIOA8507	6367	MIOA8581	6427	MIOA8658	6487	MIOA8730	6547	mioa8802
6308	mioa8508	6368	MIOA8582	6428	MIOA8660	6488	MIOA8732	6548	MIOA8803
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6312	MIOA8512	6372	MIOA8586	6432	MIOA8664	6492	mioa8736n	6552	MIOA8808
6313	mioa8513n	6373	MIOA8587	6433	MIOA8665	6493	mioa8737n	6553	MIOA8809
6314	MIOA8515	6374	MIOA8588	6434	MIOA8666	6494	MIOA8739	6554	MIOA8810
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6347	MIOA8558	6407	MIOA8632	6467	MIOA8708	6527	MIOA8778	6587	mioa8849
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6351	MIOA8563	6411	MIOA8638	6471	MIOA8713	6531	MIOA8782	6591	MIOA8853
6352	MIOA8564	6412	MIOA8639	6472	MIOA8714	6532	MIOA8783	6592	MIOA8854
6353	MIOA8565	6413	MIOA8641	6473	MIOA8715	6533	MIOA8785	6593	MIOA8855
6354	MIOA8566	6414	MIOA8644	6474	MIOA8716	6534	MIOA8786	6594	MIOA8856
6355	mioa8567	6415	MIOA8645	6475	MIOA8717	6535	MIOA8787	6595	MIOA8857
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6357	MIOA8569	6417	MIOA8647	6477	MIOA8719	6537	MIOA8789	6597	MIOA8859
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6359	MIOA8571	6419	MIOA8649	6479	MIOA8721	6539	MIOA8793	6599	MIOA8861
6360	MIOA8572	6420	MIOA8650	6480	MIOA8723	6540	MIOA8794	6600	MIOA8862

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6601	MIOA8863	6661	MIOA8939	6721	MIOA9009	6781	MIOA9075	6841	MIOA9144
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6605	MIOA8869	6665	MIOA8943	6725	MIOA9013	6785	MIOA9080	6845	MIOA9148
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6608	MIOA8873	6668	MIOA8947	6728	MIOA9016	6788	MIOA9084	6848	MIOA9154
6609	MIOA8874	6669	MIOA8948	6729	MIOA9017	6789	MIOA9086	6849	MIOA9157
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6612	MIOA8877	6672	MIOA8951	6732	MIOA9020	6792	MIOA9090	6852	MIOA9160
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6614	mioa8879	6674	MIOA8953	6734	MIOA9022	6794	MIOA9092	6854	MIOA9162
6615	MIOA8880	6675	MIOA8954	6735	mioa9023	6795	MIOA9093	6855	MIOA9163
6616	MIOA8881	6676	MIOA8955	6736	MIOA9024	6796	MIOA9095	6856	MIOA9164
6617	MIOA8882	6677	mioa8956	6737	MIOA9025	6797	MIOA9096	6857	MIOA9165
6618	MIOA8885	6678	MIOA8957	6738	MIOA9026	6798	MIOA9097	6858	MIOA9166
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6622	MIOA8889	6682	MIOA8962	6742	MIOA9030	6802	MIOA9102	6862	MIOA9170
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6624	MIOA8891	6684	MIOA8965	6744	MIOA9032	6804	MIOA9104	6864	MIOA9172
6625	MIOA8893	6685	MIOA8966	6745	MIOA9033	6805	MIOA9106	6865	MIOA9173
6626	MIOA8894	6686	MIOA8967	6746	MIOA9034	6806	MIOA9107	6866	MIOA9174
6627	MIOA8895	6687	MIOA8968	6747	MIOA9035	6807	MIOA9108	6867	MIOA9175
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6632	MIOA8901	6692	MIOA8973	6752	MIOA9041	6812	MIOA9113	6872	MIOA9181
6633	MIOA8902	6693	MIOA8974	6753	MIOA9042	6813	MIOA9114	6873	MIOA9184
6634	MIOA8904	6694	MIOA8975	6754	MIOA9044	6814	MIOA9115	6874	mioa9185
6635	MIOA8905	6695	MIOA8976	6755	MIOA9045	6815	MIOA9116	6875	mioa9187
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6641	MIOA8913	6701	MIOA8986	6761	MIOA9052	6821	MIOA9122	6881	mioa9194
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6645	MIOA8917	6705	MIOA8991	6765	MIOA9056	6825	MIOA9127	6885	mioa9198
6646	MIOA8918	6706	MIOA8992	6766	MIOA9057	6826	MIOA9129	6886	mioa9199
6647	MIOA8919	6707	MIOA8993	6767	mioa9058	6827	MIOA9130	6887	mioa9200
6648	MIOA8920	6708	MIOA8995	6768	MIOA9060	6828	MIOA9131	6888	mioa9202
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6650	MIOA8922	6710	MIOA8997	6770	MIOA9062	6830	MIOA9133	6890	mioa9204
6651	MIOA8925	6711	MIOA8998	6771	MIOA9063	6831	MIOA9134	6891	mioa9205
6652	MIOA8928	6712	MIOA8999	6772	MIOA9064	6832	MIOA9135	6892	mioa9206
6653	MIOA8929	6713	MIOA9000	6773	MIOA9065	6833	MIOA9136	6893	mioa9207
6654	MIOA8930	6714	MIOA9001	6774	MIOA9066	6834	MIOA9137	6894	mioa9208
6655	MIOA8931	6715	MIOA9002	6775	MIOA9067	6835	MIOA9138	6895	mioa9209
6656	MIOA8932	6716	MIOA9004	6776	MIOA9068	6836	MIOA9139	6896	mioa9210
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6658	MIOA8936	6718	MIOA9006	6778	MIOA9071	6838	MIOA9141	6898	mioa9213
6659	MIOA8937	6719	MIOA9007	6779	mioa9072n	6839	MIOA9142	6899	mioa9214
6660	MIOA8938	6720	MIOA9008	6780	MIOA9074	6840	MIOA9143	6900	mioa9215



Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 24 of 43

6901	mioa9216	6961	mioa9306	7021	mioa9372	7081	mioa9464	7141	mioa9539
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6903	mioa9224n	6963	mioa9309	7023	mioa9374	7083	mioa9466	7143	mioa9541
6904	mioa9225	6964	mioa9311	7024	mioa9375	7084	mioa9467	7144	mioa9542
6905	mioa9226	6965	mioa9312	7025	mioa9376	7085	mioa9469	7145	mioa9543
6906	mioa9227	6966	mioa9313	7026	mioa9380	7086	mioa9470	7146	mioa9545
6907	mioa9228	6967	mioa9314	7027	mioa9381	7087	mioa9472	7147	mioa9546
6908	mioa9230	6968	mioa9315	7028	mioa9383	7088	mioa9473	7148	mioa9547
6909	mioa9231	6969	mioa9316	7029	mioa9386	7089	mioa9474	7149	mioa9548
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6915	mioa9238	6975	mioa9322	7035	mioa9398	7095	mioa9484	7155	mioa9555
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7201	mioa9619	7261	mioa9694	7321	mioa9775	7381	mioa9847	7441	mioa9920
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7203	mioa9621	7263	mioa9696	7323	mioa9777	7383	mioa9850	7443	mioa9924
7204	mioa9622	7264	mioa9697	7324	mioa9778	7384	mioa9852	7444	mioa9925
7205	mioa9623	7265	mioa9699	7325	mioa9780	7385	mioa9853	7445	mioa9926
7206	mioa9624	7266	mioa9700	7326	mioa9781	7386	mioa9854	7446	mioa9927
7207	mioa9625	7267	mioa9701	7327	mioa9783	7387	mioa9855	7447	mioa9929
7208	mioa9626	7268	mioa9704	7328	mioa9784	7388	mioa9856	7448	mioa9930
7209	mioa9627	7269	mioa9705	7329	mioa9785	7389	mioa9857	7449	mioa9931
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7211	mioa9629	7271	mioa9707	7331	mioa9787	7391	mioa9859	7451	mioa9933
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7214	mioa9633	7274	mioa9711	7334	mioa9790	7394	mioa9864	7454	mioa9936
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7223	mioa9648	7283	mioa9722	7343	mioa9799	7403	mioa9875	7463	mioa9946
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7227	mioa9653	7287	mioa9729	7347	mioa9804	7407	mioa9880	7467	mioa9951
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7230	mioa9657	7290	mioa9732	7350	mioa9807	7410	mioa9884	7470	mioa9954
7231	mioa9658	7291	mioa9734	7351	mioa9808	7411	mioa9885	7471	mioa9955
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7233	mioa9661	7293	mioa9737	7353	mioa9810	7413	mioa9887	7473	mioa9960
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7235	mioa9663	7295	mioa9739	7355	mioa9812	7415	mioa9889	7475	mioa9962
7236	mioa9664	7296	mioa9740	7356	mioa9813	7416	mioa9890	7476	mioa9963
7237	mioa9665	7297	mioa9741	7357	mioa9814	7417	mioa9891	7477	mioa9964
7238	mioa9666	7298	mioa9742	7358	mioa9816	7418	mioa9892	7478	mioa9966
7239	mioa9667	7299	mioa9743	7359	mioa9817	7419	mioa9893	7479	mioa9967
7240	mioa9668	7300	mioa9745	7360	mioa9818	7420	mioa9894	7480	mioa9968
7241	mioa9669	7301	mioa9747	7361	mioa9820	7421	mioa9895	7481	mioa9969
7242	mioa9670	7302	mioa9748	7362	mioa9821	7422	mioa9896	7482	mioa9971
7243	mioa9672	7303	mioa9749	7363	mioa9822	7423	mioa9897	7483	mioa9972
7244	mioa9674	7304	mioa9750	7364	mioa9823	7424	mioa9899	7484	mioa9974n
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7246	mioa9676	7306	mioa9754	7366	mioa9825	7426	mioa9901	7486	mioa9976
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7248	mioa9679	7308	mioa9756	7368	mioa9828	7428	mioa9903	7488	mioa9978
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7250	mioa9681	7310	mioa9758	7370	mioa9831	7430	mioa9906	7490	mioa9980
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7253	mioa9684	7313	mioa9762	7373	mioa9838	7433	mioa9909	7493	mioa9983
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7258	mioa9690	7318	mioa9771	7378	mioa9843	7438	mioa9916	7498	mioa9988
7259	mioa9692n	7319	mioa9772	7379	mioa9844	7439	mioa9918	7499	mioa9989
7260	mioa9693	7320	mioa9773	7380	mioa9845	7440	mioa9919	7500	mioa9990

Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 26 of 43

7501	mioa9991n	7561	miob0091	7621	miob0185	7681	miob0269	7741	miob0362
7502	mioa9992	7562	miob0093	7622	miob0186	7682	miob0270	7742	miob0363
7503	mioa9993n	7563	miob0100	7623	miob0187	7683	miob0271	7743	miob0364
7504	mioa9994	7564	miob0102n	7624	miob0188	7684	miob0272n	7744	miob0365
7505	mioa9995	7565	miob0106	7625	miob0189	7685	miob0273	7745	miob0366
7506	mioa9996	7566	miob0107	7626	miob0191	7686	miob0275	7746	miob0367
7507	mioa9997	7567	miob0108	7627	miob0193	7687	miob0276	7747	miob0368
7508	mioa9998	7568	miob0109	7628	miob0194	7688	miob0277	7748	miob0369
7509	miob0001	7569	miob0110n	7629	miob0195	7689	miob0278	7749	miob0370
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7515	miob0010	7575	miob0117	7635	miob0202	7695	miob0293	7755	miob0377
7516	miob0014n	7576	miob0119	7636	miob0204	7696	miob0298	7756	miob0378
7517	miob0016	7577	miob0120	7637	miob0206	7697	miob0299	7757	miob0379
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7801	miob0439	7861	MIOB0552	7921	miob0665	7981	miob0728	8041	miob0796
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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 30 of 43

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9358	MIOB2675	9418	MIOB2763	9478	MIOB2858	9538	miob2929	9598	miob2991
9359	MIOB2676	9419	MIOB2768	9479	MIOB2859	9539	miob2930	9599	miob2992
9360	miob2677n	9420	MIOB2770	9480	MIOB2860	9540	miob2931	9600	miob2993



Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 33 of 43

9601	miob2994	9661	miob3059	9721	miob3132	9781	miob3194	9841	miob3257
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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 34 of 43

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Figure 6D – List of EST Sequence Names From Mild OA Cartilage cDNA Library – Page 36 of 43

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10560	miob4133	10620	miob4201	10680	miob4269	10740	miob4339	10800	miob4409

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10801	miob4410	10861	miob4481	10921	miob4566	10981	miob4634	11041	miob4701
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10855	miob4473	10915	miob4558	10975	miob4627	11035	miob4694	11095	miob4765
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11101	miob4774	11161	miob4847	11221	miob4918	11281	miob4991	11341	miob5063
11102	miob4775	11162	miob4848	11222	miob4919	11282	miob4992	11342	miob5065
11103	miob4776	11163	miob4849	11223	miob4920	11283	miob4993	11343	miob5066
11104	miob4777	11164	miob4850	11224	miob4923	11284	miob4994	11344	miob5067
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11115	miob4791	11175	miob4861	11235	miob4934	11295	miob5006	11355	miob5081
11116	miob4792	11176	miob4862	11236	miob4935	11296	miob5007	11356	miob5082
11117	miob4793	11177	miob4863	11237	miob4936	11297	miob5008	11357	miob5083
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11123	miob4802	11183	miob4871	11243	miob4948	11303	miob5014	11363	miob5093
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11160	miob4846	11220	miob4917	11280	miob4990	11340	miob5062	11400	miob5418

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11406	miob5427	11466	miob5602	11526	miob5670	11586	miob5740	11646	miob5809
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11409	miob5430	11469	miob5606	11529	miob5673	11589	miob5744	11649	miob5813
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11415	miob5437	11475	miob5612	11535	miob5679	11595	miob5750	11655	miob5819
11416	miob5439	11476	miob5613	11536	miob5680	11596	miob5751	11656	miob5820
11417	miob5440	11477	miob5614	11537	miob5681	11597	miob5752	11657	miob5821
11418	miob5443	11478	miob5615	11538	miob5683	11598	miob5753	11658	miob5822
11419	miob5444	11479	miob5616	11539	miob5684	11599	miob5754	11659	miob5824
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11421	miob5446	11481	miob5618	11541	miob5686	11601	miob5757	11661	miob5826
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11423	miob5448	11483	miob5622	11543	miob5688	11603	miob5759	11663	miob5828
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11701	miob5869	11761	miob5937	11821	miob6004	11881	miob6079	11941	miob6146
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12340	miob6652	12400	miob6726	12460	miob6805	12520	miob6881	12580	miob6955
12341	miob6653	12401	miob6727	12461	miob6806	12521	miob6882	12581	miob6956
12342	miob6656	12402	miob6728	12462	miob6807	12522	miob6883	12582	miob6957
12343	miob6657	12403	miob6730	12463	miob6808	12523	miob6884	12583	miob6958
12344	miob6658	12404	miob6731	12464	miob6809	12524	miob6886	12584	miob6959
12345	miob6660	12405	miob6732	12465	miob6810	12525	miob6888	12585	miob6960
12346	miob6661	12406	miob6733	12466	miob6811	12526	miob6889	12586	miob6961
12347	miob6662	12407	miob6735	12467	miob6813	12527	miob6890	12587	miob6963
12348	miob6664	12408	miob6736	12468	miob6814	12528	miob6891	12588	miob6964
12349	miob6665	12409	miob6737	12469	miob6816	12529	miob6892	12589	miob6965
12350	miob6667	12410	miob6738	12470	miob6817	12530	miob6893	12590	miob6966
12351	miob6668	12411	miob6739	12471	miob6818	12531	miob6894	12591	miob6967
12352	miob6669	12412	miob6741	12472	miob6819	12532	miob6896	12592	miob6968
12353	miob6670	12413	miob6742	12473	miob6821	12533	miob6897	12593	miob6969
12354	miob6671	12414	miob6743	12474	miob6822	12534	miob6898	12594	miob6970
12355	miob6672	12415	miob6744	12475	miob6823	12535	miob6899	12595	miob6971
12356	miob6673	12416	miob6746	12476	miob6824	12536	miob6901	12596	miob6972
12357	miob6674	12417	miob6747	12477	miob6826	12537	miob6902	12597	miob6976
12358	miob6675	12418	miob6749	12478	miob6827	12538	miob6903	12598	miob6978
12359	miob6676	12419	miob6750	12479	miob6828	12539	miob6904	12599	miob6979
12360	miob6677	12420	miob6752	12480	miob6829	12540	miob6905	12600	miob6980

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12602	miob6982
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12612	miob6996
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12614	miob6998
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12616	miob7000
12617	miob7001
12618	miob7003
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12623	miob7008
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12626	miob7011
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12646	miob7036
12647	miob7037
12648	miob7038
12649	miob7039
12650	miob7040
12651	miob7041

Figure 6E – List of EST Sequence Names From Severe OA Cartilage cDNA Library – Page 1 of 48

1	saeoa2593m	61	SEOA0065	121	SEOA0137	181	SEOA0207a	241	SEOA0284n
2	seoa0002m	62	SEOA0066	122	SEOA0138	182	SEOA0208a	242	SEOA0285
3	seoa0003m	63	SEOA0067	123	SEOA0139	183	SEOA0209a	243	SEOA0286
4	seoa0004m	64	SEOA0068	124	SEOA0142	184	seoa0210a	244	SEOA0287
5	seoa0005m	65	SEOA0069	125	SEOA0143	185	SEOA0211a	245	SEOA0288
6	seoa0006m	66	SEOA0070	126	SEOA0144	186	seoa0212a	246	SEOA0289
7	seoa0007m	67	SEOA0071	127	SEOA0145	187	SEOA0213a	247	seoa0290
8	seoa0008m	68	SEOA0072	128	SEOA0146	188	SEOA0216a	248	SEOA0291
9	seoa0009m	69	SEOA0074	129	SEOA0147	189	SEOA0217a	249	SEOA0293
10	seoa0010m	70	SEOA0075n	130	seoa0148m	190	SEOA0218a	250	SEOA0294
11	seoa0012m	71	SEOA0076	131	SEOA0149	191	SEOA0219a	251	SEOA0295
12	seoa0013m	72	SEOA0078	132	SEOA0150	192	SEOA0221a	252	SEOA0296
13	SEOA0014	73	SEOA0079	133	SEOA0152	193	SEOA0224a	253	SEOA0297
14	SEOA0015	74	SEOA0080	134	SEOA0154	194	SEOA0226a	254	SEOA0301
15	SEOA0017	75	SEOA0081	135	SEOA0155	195	SEOA0228a	255	SEOA0302
16	SEOA0018	76	SEOA0082	136	SEOA0156	196	SEOA0231a	256	SEOA0304n
17	SEOA0019	77	SEOA0083	137	SEOA0157	197	SEOA0234a	257	SEOA0306
18	SEOA0020	78	SEOA0084	138	SEOA0158	198	SEOA0235a	258	SEOA0307
19	SEOA0021	79	SEOA0085	139	SEOA0159	199	SEOA0236a	259	SEOA0308
20	SEOA0022	80	SEOA0086	140	SEOA0160	200	seoa0237a	260	SEOA0309
21	SEOA0023	81	SEOA0088	141	seoa0161a	201	SEOA0238a	261	SEOA0310
22	SEOA0024	82	SEOA0089n	142	SEOA0162a	202	SEOA0239a	262	SEOA0311
23	SEOA0025	83	SEOA0090n	143	SEOA0163a	203	SEOA0240a	263	SEOA0312
24	seoa0027	84	SEOA0091n	144	SEOA0164a	204	SEOA0243a	264	SEOA0313
25	SEOA0028	85	seoa0093m	145	SEOA0166a	205	SEOA0244a	265	SEOA0314
26	SEOA0029	86	seoa0094m	146	SEOA0167a	206	SEOA0245a	266	SEOA0315n
27	SEOA0030	87	seoa0095m	147	SEOA0168a	207	SEOA0246a	267	SEOA0316
28	SEOA0031	88	SEOA0096n	148	SEOA0169a	208	SEOA0247a	268	SEOA0317
29	SEOA0032	89	seoa0097m	149	SEOA0170a	209	SEOA0248a	269	SEOA0318
30	SEOA0033	90	SEOA0099	150	SEOA0171a	210	SEOA0249a	270	SEOA0319
31	seoa0034m	91	SEOA0100	151	SEOA0172a	211	SEOA0250a	271	SEOA0320
32	SEOA0035	92	SEOA0101	152	SEOA0174a	212	SEOA0251a	272	SEOA0321
33	SEOA0036	93	seoa0102m	153	SEOA0175a	213	SEOA0252a	273	SEOA0323
34	SEOA0037	94	SEOA0103	154	SEOA0176a	214	SEOA0254a	274	SEOA0324
35	SEOA0038	95	seoa0106n	155	SEOA0177a	215	SEOA0255a	275	SEOA0325
36	SEOA0039	96	SEOA0107	156	SEOA0179a	216	SEOA0256a	276	SEOA0326n
37	SEOA0040	97	SEOA0108	157	SEOA0180a	217	seoa0257m	277	SEOA0328
38	SEOA0041n	98	SEOA0109n	158	seoa0182a	218	seoa0259m	278	SEOA0329n
39	SEOA0042	99	SEOA0110n	159	seoa0183a	219	seoa0260m	279	SEOA0331
40	SEOA0043	100	SEOA0111	160	SEOA0184a	220	seoa0261m	280	SEOA0333n
41	SEOA0044n	101	SEOA0112	161	SEOA0185a	221	seoa0262m	281	SEOA0334
42	SEOA0045n	102	SEOA0114	162	SEOA0186a	222	seoa0263m	282	SEOA0335
43	SEOA0046	103	SEOA0115	163	SEOA0187a	223	seoa0264m	283	SEOA0336
44	SEOA0047	104	SEOA0116	164	SEOA0188a	224	seoa0265m	284	SEOA0337
45	SEOA0048	105	SEOA0117	165	SEOA0189a	225	seoa0266m	285	SEOA0338
46	SEOA0049	106	SEOA0118	166	SEOA0190a	226	seoa0268m	286	seoa0339m
47	SEOA0050	107	SEOA0121	167	SEOA0191a	227	seoa0269m	287	seoa0340m
48	SEOA0051	108	SEOA0122	168	SEOA0193a	228	seoa0270m	288	seoa0342m
49	SEOA0052n	109	SEOA0123n	169	SEOA0194a	229	SEOA0271	289	seoa0343m
50	SEOA0053	110	seoa0124nn	170	SEOA0195a	230	SEOA0272	290	seoa0344m
51	SEOA0054	111	SEOA0125	171	SEOA0196a	231	SEOA0274	291	seoa0345m
52	seoa0055	112	SEOA0126	172	SEOA0197a	232	SEOA0275	292	seoa0347m
53	SEOA0056	113	SEOA0127	173	SEOA0198a	233	seoa0276	293	seoa0348m
54	SEOA0057	114	SEOA0129	174	SEOA0200a	234	seoa0277	294	seoa0349m
55	SEOA0058	115	SEOA0130	175	seoa0201a	235	SEOA0278n	295	seoa0352m
56	SEOA0059	116	SEOA0131	176	SEOA0202a	236	SEOA0279	296	SEOA0353
57	SEOA0060	117	SEOA0133	177	seoa0203a	237	SEOA0280	297	SEOA0354
58	SEOA0061	118	SEOA0134	178	SEOA0204a	238	seoa0281	298	SEOA0356
59	seoa0062m	119	SEOA0135	179	SEOA0205a	239	SEOA0282	299	SEOA0357
60	SEOA0064	120	SEOA0136	180	SEOA0206a	240	SEOA0283	300	SEOA0360

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301	SEOAO361	361	SEOAO432	421	SEOAO500	481	SEOAO576n	541	seoa0766m
302	SEOAO362	362	SEOAO433	422	SEOAO501	482	SEOAO577	542	seoa0767m
303	SEOAO363	363	seoa0434m	423	SEOAO502	483	seoa0579n	543	SEOAO769
304	SEOAO364	364	SEOAO435	424	SEOAO505	484	SEOAO580	544	SEOAO770
305	SEOAO366	365	SEOAO436n	425	SEOAO506	485	SEOAO581	545	SEOAO771
306	SEOAO367n	366	seoa0437	426	SEOAO508	486	SEOAO582	546	SEOAO772n
307	SEOAO368	367	SEOAO438	427	SEOAO509	487	SEOAO583	547	SEOAO773
308	SEOAO369	368	SEOAO440	428	SEOAO511	488	SEOAO584	548	SEOAO774
309	SEOAO370	369	SEOAO441n	429	SEOAO512	489	SEOAO585	549	SEOAO775
310	SEOAO372	370	seoa0442n	430	SEOAO513	490	SEOAO587	550	SEOAO777
311	SEOAO373	371	SEOAO444	431	SEOAO514	491	SEOAO588a	551	SEOAO778
312	SEOAO374	372	SEOAO445	432	SEOAO515	492	SEOAO589a	552	SEOAO779
313	SEOAO375	373	seoa0446	433	seoa0516m	493	SEOAO590a	553	SEOAO780
314	SEOAO376	374	SEOAO448	434	SEOAO517	494	SEOAO591a	554	SEOAO782
315	SEOAO377	375	SEOAO449	435	SEOAO518	495	SEOAO592a	555	SEOAO783
316	SEOAO379	376	SEOAO450	436	SEOAO519	496	SEOAO593a	556	SEOAO784n
317	SEOAO380n	377	SEOAO451n	437	SEOAO520	497	SEOAO596a	557	SEOAO785n
318	seoa0381	378	SEOAO453	438	SEOAO521	498	SEOAO597a	558	SEOAO786
319	SEOAO382	379	SEOAO454	439	SEOAO524	499	SEOAO598a	559	SEOAO787
320	SEOAO383	380	SEOAO455	440	SEOAO525	500	SEOAO599a	560	SEOAO789
321	SEOAO385	381	SEOAO456	441	SEOAO526	501	SEOAO600a	561	SEOAO790
322	seoa0386	382	SEOAO457	442	SEOAO527	502	SEOAO601a	562	SEOAO791
323	SEOAO387	383	SEOAO458n	443	SEOAO528n	503	SEOAO602a	563	SEOAO792
324	SEOAO388	384	seoa0459m	444	SEOAO529	504	SEOAO614a	564	SEOAO794
325	SEOAO390	385	SEOAO460	445	SEOAO530	505	SEOAO721a	565	SEOAO795
326	SEOAO391	386	seoa0461m	446	seoa0532	506	SEOAO722a	566	SEOAO796
327	SEOAO393	387	SEOAO462	447	SEOAO533	507	SEOAO723a	567	SEOAO799
328	SEOAO394	388	SEOAO463	448	SEOAO534	508	SEOAO724a	568	seoa0800m
329	SEOAO395	389	SEOAO464	449	seoa0535	509	seoa0725a	569	SEOAO801
330	SEOAO396	390	SEOAO465	450	SEOAO536	510	SEOAO727a	570	SEOAO802
331	SEOAO397	391	SEOAO466	451	SEOAO537	511	SEOAO728a	571	SEOAO803
332	SEOAO398	392	SEOAO467	452	SEOAO539n	512	SEOAO729a	572	SEOAO804
333	SEOAO399	393	SEOAO468	453	SEOAO540n	513	SEOAO730a	573	SEOAO805
334	SEOAO400	394	SEOAO469n	454	SEOAO541n	514	SEOAO731a	574	SEOAO806
335	SEOAO401	395	SEOAO470n	455	SEOAO542n	515	SEOAO733a	575	seoa0807m
336	SEOAO402	396	seoa0471n	456	SEOAO543	516	SEOAO734a	576	SEOAO808
337	SEOAO404	397	SEOAO472	457	SEOAO544	517	SEOAO737n	577	seoa0809
338	SEOAO405	398	SEOAO473	458	SEOAO545A	518	SEOAO738	578	SEOAO811
339	SEOAO407	399	SEOAO475	459	SEOAO546A	519	seoa0739m	579	SEOAO812
340	SEOAO408	400	SEOAO476	460	SEOAO547A	520	SEOAO740	580	SEOAO814
341	SEOAO409	401	SEOAO477	461	SEOAO548A	521	seoa0741	581	SEOAO815
342	SEOAO410	402	SEOAO478	462	SEOAO549A	522	SEOAO742	582	SEOAO816
343	SEOAO412	403	SEOAO479	463	SEOAO550A	523	SEOAO743	583	SEOAO817
344	SEOAO413	404	SEOAO480	464	SEOAO551A	524	SEOAO744	584	SEOAO818
345	SEOAO414n	405	SEOAO481	465	SEOAO552A	525	SEOAO745	585	SEOAO819n
346	SEOAO416	406	SEOAO482	466	SEOAO554A	526	SEOAO746	586	SEOAO820
347	SEOAO417	407	SEOAO483	467	SEOAO555A	527	SEOAO747	587	SEOAO821
348	SEOAO418	408	SEOAO485	468	SEOAO556A	528	SEOAO748	588	SEOAO822
349	SEOAO420	409	SEOAO486	469	SEOAO558A	529	SEOAO749	589	SEOAO823
350	SEOAO421	410	SEOAO487	470	seoa0559a	530	SEOAO751	590	SEOAO824
351	SEOAO422	411	SEOAO488	471	SEOAO560A	531	SEOAO752	591	SEOAO825
352	SEOAO423	412	SEOAO489	472	SEOAO562A	532	SEOAO754	592	SEOAO826
353	SEOAO424n	413	SEOAO491	473	SEOAO563A	533	SEOAO755	593	SEOAO827
354	SEOAO425	414	SEOAO492	474	SEOAO564A	534	SEOAO757	594	SEOAO829
355	SEOAO426	415	SEOAO493	475	SEOAO568	535	SEOAO758	595	SEOAO830
356	SEOAO427	416	seoa0495m	476	SEOAO569	536	SEOAO759	596	SEOAO831
357	SEOAO428	417	seoa0496m	477	SEOAO572	537	SEOAO760	597	SEOAO832
358	SEOAO429	418	SEOAO497	478	SEOAO573	538	SEOAO761	598	SEOAO833
359	SEOAO430	419	seoa0498m	479	SEOAO574a	539	seoa0764m	599	SEOAO834
360	SEOAO431	420	seoa0499m	480	SEOAO575	540	seoa0765m	600	SEOAO835

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601	SEOA0836	661	SEOA0901	721	seoa0968m	781	SEOA1045a	841	SEOA1124a
602	SEOA0837	662	SEOA0902	722	SEOA0969	782	SEOA1046a	842	SEOA1126a
603	SEOA0838	663	SEOA0903	723	seoa0970	783	SEOA1048a	843	SEOA1128a
604	SEOA0839	664	SEOA0904	724	SEOA0971	784	SEOA1049a	844	SEOA1130a
605	SEOA0840	665	SEOA0905	725	seoa0972m	785	SEOA1053a	845	SEOA1131a
606	SEOA0841	666	SEOA0906	726	SEOA0973	786	SEOA1054a	846	SEOA1132a
607	SEOA0842	667	SEOA0907	727	SEOA0974	787	SEOA1056a	847	SEOA1134a
608	SEOA0843	668	SEOA0908	728	SEOA0975	788	SEOA1057a	848	SEOA1135a
609	SEOA0844	669	SEOA0909	729	SEOA0977	789	SEOA1058a	849	SEOA1137a
610	SEOA0845	670	SEOA0911	730	SEOA0978	790	SEOA1062a	850	SEOA1138a
611	SEOA0846	671	SEOA0913	731	seoa0979m	791	SEOA1063a	851	SEOA1139a
612	SEOA0847	672	SEOA0914	732	seoa0980m	792	SEOA1065a	852	SEOA1140a
613	SEOA0848	673	SEOA0915	733	seoa0981m	793	SEOA1066a	853	SEOA1141a
614	SEOA0849	674	SEOA0916	734	SEOA0982n	794	SEOA1067a	854	SEOA1144a
615	SEOA0850n	675	SEOA0917	735	SEOA0984	795	SEOA1068a	855	SEOA1145a
616	SEOA0851	676	seoa0918m	736	seoa0985m	796	SEOA1069a	856	SEOA1146a
617	SEOA0852	677	SEOA0920	737	SEOA0986	797	SEOA1070a	857	SEOA1147a
618	SEOA0853	678	SEOA0921	738	seoa0987m	798	SEOA1071a	858	SEOA1148a
619	seoa0854	679	SEOA0922	739	SEOA0988	799	SEOA1072a	859	SEOA1149a
620	SEOA0855	680	SEOA0923	740	SEOA0989	800	SEOA1073a	860	SEOA1150a
621	SEOA0857	681	SEOA0924	741	SEOA0990n	801	SEOA1074a	861	SEOA1151a
622	SEOA0858	682	SEOA0925	742	SEOA0991	802	SEOA1075a	862	SEOA1152a
623	SEOA0859	683	SEOA0926	743	seoa0992m	803	SEOA1076a	863	SEOA1153a
624	SEOA0860	684	seoa0928	744	seoa0993m	804	SEOA1078a	864	SEOA1155a
625	SEOA0861	685	SEOA0929n	745	SEOA0994	805	SEOA1079a	865	SEOA1157a
626	SEOA0862	686	SEOA0930	746	SEOA0995	806	SEOA1080a	866	SEOA1158a
627	SEOA0863	687	SEOA0931	747	SEOA0996	807	SEOA1081a	867	SEOA1159A
628	SEOA0864	688	SEOA0932n	748	SEOA0998	808	SEOA1082a	868	SEOA1161A
629	SEOA0865	689	SEOA0933	749	SEOA1001	809	SEOA1083a	869	SEOA1164A
630	SEOA0866	690	SEOA0934	750	SEOA1002	810	SEOA1084a	870	SEOA1166A
631	SEOA0868	691	SEOA0935	751	seoa1004m	811	SEOA1085a	871	SEOA1169A
632	SEOA0869	692	SEOA0936	752	SEOA1005n	812	SEOA1086a	872	SEOA1173A
633	SEOA0870	693	SEOA0937	753	SEOA1006n	813	SEOA1087a	873	SEOA1176A
634	seoa0873n	694	SEOA0938n	754	SEOA1007n	814	SEOA1089a	874	SEOA1178A
635	SEOA0874	695	SEOA0939	755	seoa1008m	815	SEOA1090a	875	SEOA1181A
636	SEOA0875	696	SEOA0940	756	SEOA1009n	816	SEOA1092a	876	SEOA1182A
637	SEOA0876	697	SEOA0941	757	seoa1012m	817	SEOA1094a	877	SEOA1183A
638	SEOA0877	698	SEOA0942	758	SEOA1013n	818	SEOA1095a	878	SEOA1184A
639	SEOA0878	699	SEOA0943	759	seoa1014m	819	SEOA1096a	879	SEOA1186A
640	SEOA0879	700	SEOA0944	760	SEOA1015n	820	SEOA1097a	880	SEOA1187a
641	SEOA0880	701	SEOA0945	761	seoa1017m	821	SEOA1098a	881	SEOA1188A
642	SEOA0881	702	SEOA0946	762	SEOA1018	822	SEOA1099a	882	SEOA1189A
643	SEOA0882	703	SEOA0947	763	SEOA1020	823	SEOA1100a	883	SEOA1190A
644	SEOA0883	704	SEOA0948	764	SEOA1022	824	SEOA1101a	884	SEOA1191A
645	SEOA0884	705	SEOA0949n	765	SEOA1023	825	SEOA1102a	885	SEOA1192A
646	SEOA0885n	706	SEOA0950	766	SEOA1024	826	SEOA1104a	886	SEOA1193A
647	SEOA0886	707	SEOA0952	767	SEOA1025	827	SEOA1105a	887	SEOA1194A
648	SEOA0887	708	SEOA0953	768	SEOA1026	828	SEOA1106a	888	SEOA1196A
649	SEOA0888	709	SEOA0955	769	seoa1028m	829	SEOA1107a	889	SEOA1198A
650	SEOA0889n	710	SEOA0956	770	SEOA1030	830	SEOA1108a	890	SEOA1199A
651	SEOA0890n	711	SEOA0957	771	SEOA1032a	831	SEOA1109a	891	SEOA1200A
652	SEOA0891	712	SEOA0958	772	SEOA1034a	832	SEOA1112a	892	SEOA1201A
653	SEOA0892	713	SEOA0959	773	SEOA1035a	833	SEOA1113a	893	SEOA1202A
654	SEOA0893	714	SEOA0960n	774	SEOA1036a	834	SEOA1114a	894	SEOA1203A
655	SEOA0895	715	SEOA0962n	775	SEOA1038a	835	SEOA1115a	895	SEOA1204A
656	SEOA0896	716	SEOA0963n	776	SEOA1039a	836	SEOA1116a	896	SEOA1206A
657	SEOA0897n	717	SEOA0964	777	SEOA1040a	837	SEOA1117a	897	SEOA1208A
658	SEOA0898	718	SEOA0965	778	SEOA1041a	838	SEOA1118a	898	SEOA1209A
659	SEOA0899	719	SEOA0966	779	SEOA1042a	839	SEOA1119a	899	SEOA1213A
660	SEOA0900	720	SEOA0967	780	SEOA1044a	840	SEOA1120a	900	SEOA1215A

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901	SEOA1216A	961	SEOA1297a	1021	SEOA1366a	1081	SEOA1439a	1141	SEOA1513
902	SEOA1218A	962	SEOA1298a	1022	SEOA1368	1082	SEOA1440a	1142	SEOA1515
903	SEOA1220A	963	SEOA1300a	1023	SEOA1369	1083	SEOA1442a	1143	SEOA1516
904	SEOA1222A	964	SEOA1301a	1024	SEOA1370	1084	SEOA1443a	1144	SEOA1517n
905	SEOA1224A	965	SEOA1302a	1025	SEOA1371	1085	SEOA1444a	1145	SEOA1518
906	SEOA1226A	966	SEOA1303a	1026	SEOA1372	1086	seoa1445an	1146	SEOA1519
907	SEOA1227A	967	SEOA1304a	1027	SEOA1373	1087	SEOA1447a	1147	SEOA1520
908	SEOA1228A	968	SEOA1306a	1028	SEOA1374	1088	SEOA1448a	1148	SEOA1521
909	SEOA1229A	969	SEOA1307a	1029	SEOA1375	1089	SEOA1449a	1149	SEOA1522n
910	SEOA1232A	970	SEOA1308	1030	SEOA1376	1090	SEOA1451a	1150	seoa1523
911	SEOA1234A	971	SEOA1309a	1031	SEOA1377	1091	SEOA1452a	1151	SEOA1524
912	SEOA1236A	972	SEOA1310a	1032	SEOA1378	1092	SEOA1454a	1152	SEOA1525
913	SEOA1237A	973	SEOA1311a	1033	SEOA1379	1093	SEOA1455a	1153	SEOA1526
914	SEOA1238A	974	SEOA1312a	1034	SEOA1380	1094	SEOA1456a	1154	SEOA1527n
915	SEOA1239A	975	SEOA1313	1035	seoa1381n	1095	SEOA1457a	1155	SEOA1528
916	SEOA1240A	976	SEOA1314	1036	SEOA1382	1096	SEOA1458a	1156	SEOA1529
917	SEOA1241A	977	SEOA1315	1037	SEOA1383	1097	SEOA1459a	1157	SEOA1530
918	SEOA1242A	978	SEOA1316n	1038	SEOA1384	1098	SEOA1460a	1158	SEOA1532
919	SEOA1244A	979	SEOA1318	1039	SEOA1385	1099	SEOA1461a	1159	SEOA1534
920	SEOA1245A	980	SEOA1320	1040	SEOA1387	1100	SEOA1463a	1160	SEOA1535
921	SEOA1246A	981	SEOA1321	1041	SEOA1388	1101	SEOA1464a	1161	SEOA1536
922	SEOA1247A	982	SEOA1323	1042	SEOA1389	1102	SEOA1465a	1162	SEOA1537
923	SEOA1248A	983	SEOA1324	1043	SEOA1390	1103	SEOA1466a	1163	SEOA1538
924	SEOA1249A	984	SEOA1325n	1044	SEOA1391	1104	seoa1468a	1164	seoa1539
925	SEOA1250A	985	SEOA1326	1045	SEOA1392	1105	SEOA1469a	1165	SEOA1540
926	SEOA1251A	986	SEOA1327	1046	SEOA1394	1106	SEOA1470a	1166	seoa1541n
927	SEOA1252A	987	SEOA1328	1047	SEOA1395	1107	SEOA1471a	1167	SEOA1542
928	SEOA1253A	988	SEOA1329	1048	SEOA1396	1108	SEOA1472a	1168	SEOA1543
929	SEOA1255A	989	SEOA1330	1049	SEOA1398	1109	seoa1473m	1169	SEOA1544
930	SEOA1258A	990	SEOA1331	1050	SEOA1399	1110	SEOA1474	1170	seoa1545
931	SEOA1259A	991	SEOA1332	1051	SEOA1400	1111	SEOA1475	1171	SEOA1546
932	SEOA1260A	992	SEOA1334	1052	SEOA1401	1112	SEOA1477	1172	SEOA1547
933	SEOA1262A	993	SEOA1335	1053	SEOA1403	1113	SEOA1478	1173	seoa1548m
934	SEOA1263A	994	SEOA1336	1054	SEOA1404	1114	SEOA1479	1174	SEOA1550
935	SEOA1265A	995	SEOA1337	1055	SEOA1405	1115	SEOA1480	1175	SEOA1551
936	SEOA1266A	996	seoa1338	1056	seoa1406	1116	SEOA1483n	1176	SEOA1552
937	SEOA1267A	997	SEOA1339n	1057	SEOA1407	1117	SEOA1484n	1177	SEOA1554
938	SEOA1268A	998	SEOA1340	1058	SEOA1409a	1118	SEOA1486	1178	SEOA1555
939	SEOA1269a	999	SEOA1341	1059	SEOA1410a	1119	SEOA1487	1179	SEOA1559
940	SEOA1270a	1000	SEOA1342	1060	SEOA1411a	1120	SEOA1488	1180	SEOA1560
941	SEOA1273a	1001	SEOA1343	1061	SEOA1413a	1121	SEOA1489	1181	SEOA1563
942	SEOA1275a	1002	SEOA1344	1062	SEOA1414a	1122	SEOA1490n	1182	SEOA1564
943	SEOA1276a	1003	SEOA1346	1063	SEOA1415a	1123	SEOA1491	1183	SEOA1566
944	SEOA1277a	1004	seoa1347	1064	SEOA1416a	1124	SEOA1492n	1184	SEOA1567
945	SEOA1278a	1005	SEOA1348	1065	SEOA1419a	1125	SEOA1493	1185	seoa1568m
946	SEOA1279a	1006	SEOA1349	1066	SEOA1420a	1126	SEOA1494	1186	SEOA1570
947	SEOA1280a	1007	SEOA1350	1067	SEOA1421a	1127	SEOA1496n	1187	SEOA1571
948	SEOA1281a	1008	SEOA1351	1068	SEOA1422a	1128	SEOA1497	1188	SEOA1572
949	SEOA1282a	1009	SEOA1352	1069	SEOA1423a	1129	SEOA1499	1189	SEOA1573a
950	SEOA1283a	1010	SEOA1353	1070	SEOA1424a	1130	SEOA1501	1190	SEOA1574a
951	SEOA1284a	1011	seoa1354m	1071	seoa1425a	1131	SEOA1503	1191	SEOA1575a
952	SEOA1286a	1012	SEOA1356	1072	SEOA1427a	1132	SEOA1504	1192	SEOA1576a
953	SEOA1287a	1013	seoa1357m	1073	SEOA1428a	1133	SEOA1505	1193	seoa1577a
954	SEOA1288a	1014	seoa1358m	1074	SEOA1429a	1134	SEOA1506	1194	SEOA1579a
955	SEOA1289a	1015	SEOA1360	1075	SEOA1430a	1135	seoa1507n	1195	SEOA1580a
956	SEOA1290a	1016	SEOA1361	1076	SEOA1431a	1136	SEOA1508	1196	SEOA1581a
957	SEOA1291a	1017	SEOA1362a	1077	SEOA1432a	1137	SEOA1509	1197	SEOA1582a
958	SEOA1292a	1018	SEOA1363	1078	SEOA1434a	1138	SEOA1510	1198	SEOA1583a
959	SEOA1295a	1019	SEOA1364	1079	SEOA1436a	1139	SEOA1511	1199	SEOA1584a
960	SEOA1296a	1020	SEOA1365	1080	SEOA1437a	1140	SEOA1512	1200	SEOA1585a

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1201	SEOA1586a	1261	SEOA1666a	1321	SEOA1741a	1381	SEOA1813a	1441	SEOA1907
1202	SEOA1589a	1262	SEOA1667a	1322	SEOA1742a	1382	seoa1814a	1442	SEOA1909
1203	SEOA1590a	1263	SEOA1668a	1323	SEOA1743a	1383	seoa1815a	1443	SEOA1910
1204	SEOA1592a	1264	SEOA1669a	1324	SEOA1747a	1384	seoa1817a	1444	SEOA1911n
1205	SEOA1594a	1265	SEOA1670a	1325	SEOA1748a	1385	SEOA1819a	1445	SEOA1912n
1206	seoa1595an	1266	SEOA1671a	1326	SEOA1749a	1386	SEOA1821a	1446	SEOA1913n
1207	SEOA1596a	1267	SEOA1672a	1327	SEOA1750a	1387	SEOA1822a	1447	seoa1914n
1208	SEOA1597a	1268	SEOA1673a	1328	SEOA1751a	1388	seoa1823a	1448	SEOA1915
1209	SEOA1598a	1269	SEOA1674a	1329	SEOA1752a	1389	seoa1825a	1449	SEOA1916n
1210	SEOA1599a	1270	SEOA1675a	1330	SEOA1753a	1390	seoa1826a	1450	SEOA1917
1211	SEOA1600a	1271	SEOA1676a	1331	SEOA1754a	1391	seoa1830a	1451	seoa1918m
1212	SEOA1601a	1272	SEOA1677a	1332	SEOA1755a	1392	SEOA1833a	1452	SEOA1919n
1213	SEOA1602a	1273	SEOA1678a	1333	SEOA1756a	1393	SEOA1834a	1453	SEOA1921n
1214	SEOA1604a	1274	SEOA1679a	1334	SEOA1757a	1394	SEOA1835a	1454	SEOA1923
1215	SEOA1606a	1275	SEOA1680a	1335	SEOA1758a	1395	SEOA1837a	1455	SEOA1924n
1216	SEOA1607a	1276	SEOA1681a	1336	SEOA1759a	1396	SEOA1839a	1456	SEOA1925n
1217	SEOA1608a	1277	SEOA1682a	1337	SEOA1760a	1397	SEOA1844a	1457	seoa1926m
1218	SEOA1609a	1278	SEOA1683a	1338	SEOA1761a	1398	SEOA1845a	1458	SEOA1927
1219	SEOA1610a	1279	SEOA1684a	1339	SEOA1762a	1399	SEOA1847a	1459	seoa1928n
1220	SEOA1611a	1280	SEOA1685a	1340	SEOA1763a	1400	SEOA1848a	1460	SEOA1931
1221	SEOA1614a	1281	SEOA1686a	1341	SEOA1764a	1401	SEOA1850a	1461	SEOA1932
1222	SEOA1615a	1282	SEOA1687a	1342	SEOA1765a	1402	SEOA1851a	1462	SEOA1935
1223	SEOA1616a	1283	SEOA1688a	1343	seoa1766a	1403	SEOA1853a	1463	SEOA1936
1224	SEOA1617a	1284	SEOA1689a	1344	SEOA1767a	1404	SEOA1854a	1464	SEOA1937n
1225	SEOA1620a	1285	SEOA1690a	1345	SEOA1768a	1405	SEOA1856a	1465	SEOA1938n
1226	SEOA1621a	1286	SEOA1691a	1346	SEOA1769a	1406	SEOA1857a	1466	SEOA1940
1227	SEOA1622a	1287	SEOA1692a	1347	SEOA1770a	1407	SEOA1858a	1467	SEOA1942
1228	SEOA1623a	1288	seoa1694a	1348	SEOA1771a	1408	SEOA1861a	1468	SEOA1943
1229	seoa1629a	1289	SEOA1695a	1349	SEOA1772a	1409	SEOA1866a	1469	SEOA1946
1230	SEOA1631a	1290	SEOA1696a	1350	SEOA1773a	1410	SEOA1867a	1470	SEOA1947
1231	SEOA1632a	1291	SEOA1697a	1351	SEOA1774a	1411	SEOA1869a	1471	SEOA1949
1232	SEOA1634a	1292	SEOA1698a	1352	SEOA1775a	1412	SEOA1872a	1472	SEOA1950
1233	SEOA1635a	1293	SEOA1700a	1353	SEOA1776a	1413	SEOA1873a	1473	SEOA1952
1234	SEOA1636a	1294	SEOA1701a	1354	SEOA1778a	1414	SEOA1874a	1474	SEOA1953
1235	SEOA1637a	1295	SEOA1703a	1355	SEOA1782a	1415	SEOA1875a	1475	SEOA1954
1236	SEOA1638a	1296	SEOA1705a	1356	SEOA1783a	1416	SEOA1876a	1476	SEOA1955
1237	SEOA1639a	1297	SEOA1710a	1357	SEOA1784a	1417	seoa1877a	1477	SEOA1956
1238	SEOA1640a	1298	SEOA1711a	1358	SEOA1785a	1418	SEOA1878	1478	SEOA1957
1239	SEOA1641a	1299	SEOA1712a	1359	SEOA1786a	1419	SEOA1879	1479	SEOA1958
1240	SEOA1643a	1300	SEOA1713a	1360	SEOA1787a	1420	SEOA1880	1480	SEOA1960
1241	SEOA1644a	1301	SEOA1714a	1361	SEOA1788a	1421	seoa1881	1481	SEOA1961a
1242	SEOA1645a	1302	SEOA1715a	1362	SEOA1789a	1422	SEOA1882	1482	SEOA1962a
1243	SEOA1646a	1303	SEOA1717a	1363	SEOA1790a	1423	SEOA1883	1483	SEOA1963a
1244	SEOA1647a	1304	SEOA1718a	1364	SEOA1791a	1424	SEOA1884	1484	SEOA1964a
1245	SEOA1648a	1305	SEOA1720a	1365	SEOA1792a	1425	SEOA1885	1485	SEOA1965a
1246	SEOA1650a	1306	SEOA1721a	1366	SEOA1793a	1426	SEOA1886n	1486	SEOA1966a
1247	SEOA1651a	1307	SEOA1722a	1367	SEOA1794a	1427	SEOA1887	1487	SEOA1967a
1248	SEOA1652a	1308	SEOA1723a	1368	SEOA1795a	1428	SEOA1888	1488	SEOA1968a
1249	SEOA1653a	1309	SEOA1725a	1369	SEOA1797a	1429	SEOA1889n	1489	SEOA1969a
1250	SEOA1654a	1310	SEOA1726a	1370	SEOA1799a	1430	SEOA1890n	1490	SEOA1971a
1251	SEOA1655a	1311	SEOA1727a	1371	SEOA1802a	1431	SEOA1891	1491	SEOA1972a
1252	SEOA1656a	1312	SEOA1729a	1372	SEOA1803a	1432	SEOA1894	1492	SEOA1973a
1253	SEOA1657a	1313	SEOA1730a	1373	SEOA1804a	1433	SEOA1896	1493	SEOA1977a
1254	SEOA1658a	1314	SEOA1731a	1374	seoa1805a	1434	SEOA1897	1494	SEOA1979a
1255	SEOA1660a	1315	SEOA1732a	1375	seoa1806a	1435	SEOA1898	1495	SEOA1980a
1256	SEOA1661a	1316	SEOA1733a	1376	seoa1807a	1436	SEOA1899	1496	SEOA1981a
1257	SEOA1662a	1317	SEOA1734a	1377	seoa1809a	1437	SEOA1900n	1497	SEOA1982a
1258	SEOA1663a	1318	SEOA1736a	1378	seoa1810a	1438	SEOA1901	1498	seoa1983a
1259	SEOA1664a	1319	SEOA1737a	1379	SEOA1811a	1439	SEOA1902	1499	SEOA1985
1260	SEOA1665a	1320	SEOA1739a	1380	SEOA1812a	1440	SEOA1903	1500	SEOA1987



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1501	SEOA1988a	1561	SEOA2067n	1621	SEOA2137	1681	seoa2212an	1741	SEOA2294a
1502	SEOA1989	1562	SEOA2068	1622	SEOA2138	1682	SEOA2213a	1742	SEOA2295a
1503	SEOA1990	1563	SEOA2069	1623	SEOA2139	1683	SEOA2214a	1743	SEOA2296a
1504	SEOA1991	1564	SEOA2071	1624	SEOA2140	1684	SEOA2215a	1744	SEOA2298a
1505	SEOA1992	1565	seoa2072n	1625	SEOA2141	1685	SEOA2217a	1745	SEOA2300a
1506	SEOA1993	1566	SEOA2074n	1626	SEOA2142	1686	seoa2218a	1746	SEOA2301a
1507	SEOA1995	1567	SEOA2075n	1627	SEOA2143	1687	SEOA2219a	1747	SEOA2302a
1508	SEOA1996	1568	SEOA2076	1628	SEOA2146n	1688	SEOA2220a	1748	SEOA2303a
1509	SEOA1997	1569	seoa2077n	1629	SEOA2147	1689	SEOA2221a	1749	SEOA2304a
1510	SEOA2000a	1570	SEOA2078	1630	SEOA2148n	1690	SEOA2224a	1750	SEOA2305a
1511	SEOA2001	1571	SEOA2079	1631	SEOA2149	1691	SEOA2227a	1751	SEOA2308a
1512	SEOA2004	1572	SEOA2080n	1632	SEOA2150	1692	SEOA2230a	1752	SEOA2309a
1513	SEOA2005	1573	SEOA2081	1633	SEOA2151	1693	SEOA2232a	1753	seoa2311a
1514	SEOA2006	1574	SEOA2082	1634	SEOA2152	1694	SEOA2233a	1754	SEOA2313a
1515	SEOA2007	1575	SEOA2083n	1635	SEOA2153n	1695	SEOA2234a	1755	SEOA2320a
1516	seoa2008n	1576	SEOA2084	1636	SEOA2154n	1696	SEOA2235a	1756	SEOA2326a
1517	SEOA2011	1577	SEOA2085	1637	SEOA2155	1697	SEOA2236a	1757	SEOA2327a
1518	SEOA2012	1578	SEOA2087	1638	SEOA2156n	1698	SEOA2237a	1758	SEOA2328a
1519	SEOA2013	1579	SEOA2088	1639	SEOA2157	1699	SEOA2238a	1759	SEOA2331a
1520	SEOA2015	1580	SEOA2089	1640	SEOA2158	1700	SEOA2239a	1760	SEOA2333a
1521	SEOA2016	1581	SEOA2090	1641	SEOA2159n	1701	SEOA2240a	1761	SEOA2337a
1522	SEOA2018	1582	SEOA2092	1642	SEOA2160	1702	SEOA2241a	1762	SEOA2340a
1523	SEOA2019	1583	SEOA2093	1643	SEOA2162	1703	SEOA2242a	1763	SEOA2341a
1524	seoa2022n	1584	SEOA2094	1644	SEOA2163n	1704	SEOA2243a	1764	SEOA2343a
1525	SEOA2024a	1585	SEOA2095	1645	SEOA2164	1705	SEOA2244a	1765	SEOA2345a
1526	SEOA2025	1586	SEOA2096	1646	SEOA2165	1706	SEOA2245a	1766	SEOA2349a
1527	SEOA2027	1587	seoa2097nn	1647	SEOA2166	1707	SEOA2246a	1767	SEOA2350a
1528	SEOA2028	1588	SEOA2098	1648	SEOA2168n	1708	SEOA2251a	1768	SEOA2351a
1529	SEOA2029	1589	SEOA2099	1649	SEOA2169	1709	SEOA2253a	1769	SEOA2352a
1530	SEOA2030	1590	SEOA2100	1650	SEOA2170	1710	SEOA2254a	1770	SEOA2354a
1531	seoa2032m	1591	SEOA2101	1651	SEOA2171	1711	SEOA2255a	1771	SEOA2355a
1532	SEOA2034	1592	SEOA2102n	1652	SEOA2173	1712	SEOA2256a	1772	SEOA2356a
1533	SEOA2035	1593	SEOA2103n	1653	seoa2174n	1713	SEOA2257a	1773	SEOA2357a
1534	seoa2036	1594	SEOA2104n	1654	SEOA2175	1714	SEOA2258a	1774	SEOA2358a
1535	seoa2037	1595	SEOA2106	1655	SEOA2176	1715	SEOA2259a	1775	SEOA2361a
1536	SEOA2039	1596	SEOA2107	1656	seoa2177a	1716	SEOA2260a	1776	SEOA2362a
1537	SEOA2040	1597	SEOA2109	1657	SEOA2178a	1717	SEOA2261a	1777	SEOA2363a
1538	SEOA2041	1598	SEOA2110n	1658	SEOA2179a	1718	SEOA2262a	1778	SEOA2365a
1539	SEOA2042	1599	SEOA2111	1659	SEOA2180a	1719	seoa2263a	1779	SEOA2369a
1540	SEOA2043	1600	SEOA2112n	1660	SEOA2181a	1720	SEOA2266a	1780	SEOA2371a
1541	SEOA2044	1601	SEOA2113n	1661	SEOA2183a	1721	SEOA2268a	1781	SEOA2372a
1542	seoa2045m	1602	SEOA2114	1662	SEOA2184a	1722	SEOA2269a	1782	SEOA2375a
1543	SEOA2046	1603	SEOA2115	1663	SEOA2185a	1723	SEOA2270a	1783	SEOA2378a
1544	SEOA2047	1604	SEOA2117	1664	SEOA2186a	1724	SEOA2271a	1784	SEOA2381a
1545	SEOA2048	1605	SEOA2118	1665	SEOA2188a	1725	SEOA2272a	1785	SEOA2383a
1546	SEOA2050	1606	SEOA2119	1666	SEOA2191a	1726	SEOA2273a	1786	SEOA2385a
1547	SEOA2051	1607	seoa2120	1667	SEOA2193a	1727	SEOA2274a	1787	SEOA2386a
1548	SEOA2052	1608	seoa2121	1668	SEOA2194a	1728	SEOA2278a	1788	SEOA2387a
1549	SEOA2053	1609	SEOA2122	1669	SEOA2195a	1729	SEOA2279	1789	SEOA2388a
1550	SEOA2054a	1610	seoa2123m	1670	SEOA2199a	1730	SEOA2283a	1790	SEOA2389a
1551	SEOA2055n	1611	SEOA2124	1671	SEOA2200a	1731	SEOA2284a	1791	SEOA2390a
1552	SEOA2056	1612	seoa2125	1672	SEOA2201a	1732	SEOA2285a	1792	SEOA2391a
1553	SEOA2057	1613	SEOA2126n	1673	SEOA2202a	1733	SEOA2286a	1793	SEOA2394a
1554	seoa2058n	1614	SEOA2127n	1674	SEOA2203a	1734	SEOA2287a	1794	SEOA2400a
1555	SEOA2059	1615	SEOA2128	1675	SEOA2204a	1735	SEOA2288a	1795	SEOA2401a
1556	SEOA2061	1616	SEOA2130n	1676	SEOA2205a	1736	SEOA2289a	1796	SEOA2402a
1557	SEOA2062	1617	SEOA2132	1677	SEOA2208a	1737	SEOA2290a	1797	seoa2403a
1558	SEOA2063	1618	SEOA2134n	1678	SEOA2209a	1738	SEOA2291a	1798	SEOA2404a
1559	SEOA2064	1619	SEOA2135	1679	SEOA2210a	1739	SEOA2292a	1799	SEOA2407
1560	SEOA2065	1620	SEOA2136	1680	SEOA2211a	1740	seoa2293an	1800	SEOA2409

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1801	SEOA2410	1861	SEOA2481	1921	SEOA2557	1981	SEOA2636	2041	SEOA2708
1802	SEOA2411	1862	seoa2482	1922	seoa2559m	1982	SEOA2638	2042	seoa2710
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1804	SEOA2413	1864	SEOA2486	1924	SEOA2562	1984	seoa2640n	2044	SEOA2713
1805	SEOA2414	1865	SEOA2487	1925	SEOA2564	1985	seoa2641n	2045	SEOA2714
1806	seoa2415	1866	SEOA2488	1926	SEOA2566	1986	SEOA2642	2046	SEOA2715
1807	SEOA2417a	1867	seoa2489m	1927	SEOA2567	1987	seoa2643m	2047	SEOA2716
1808	SEOA2418a	1868	SEOA2490	1928	SEOA2568	1988	SEOA2644	2048	seoa2718
1809	SEOA2419a	1869	seoa2491	1929	SEOA2571	1989	SEOA2645	2049	SEOA2719
1810	SEOA2420a	1870	SEOA2492	1930	seoa2572n	1990	seoa2647n	2050	SEOA2720
1811	SEOA2421a	1871	seoa2493	1931	SEOA2573	1991	SEOA2648	2051	SEOA2723
1812	SEOA2423a	1872	SEOA2495	1932	SEOA2574	1992	SEOA2649	2052	SEOA2726
1813	SEOA2424a	1873	seoa2496	1933	SEOA2575	1993	seoa2650n	2053	SEOA2727
1814	SEOA2425a	1874	SEOA2497	1934	seoa2576m	1994	SEOA2651	2054	SEOA2728
1815	SEOA2426a	1875	SEOA2498	1935	SEOA2578	1995	SEOA2652	2055	SEOA2729
1816	SEOA2428a	1876	SEOA2499	1936	seoa2579m	1996	SEOA2653	2056	SEOA2732
1817	SEOA2429a	1877	seoa2500m	1937	seoa2580m	1997	SEOA2654	2057	SEOA2734
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1819	SEOA2431a	1879	SEOA2502	1939	SEOA2583	1999	SEOA2656	2059	SEOA2739
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1822	SEOA2434a	1882	SEOA2506	1942	SEOA2585	2002	SEOA2659	2062	SEOA2742
1823	SEOA2435a	1883	SEOA2507	1943	SEOA2586	2003	seoa2660m	2063	SEOA2744
1824	SEOA2436a	1884	SEOA2508	1944	SEOA2588	2004	SEOA2661	2064	SEOA2746
1825	SEOA2437a	1885	SEOA2509	1945	SEOA2589	2005	seoa2662	2065	SEOA2747
1826	SEOA2439a	1886	seoa2510m	1946	SEOA2592	2006	SEOA2664	2066	SEOA2750
1827	SEOA2441a	1887	SEOA2511	1947	SEOA2593m	2007	SEOA2665	2067	SEOA2751
1828	SEOA2442a	1888	SEOA2512	1948	SEOA2594	2008	SEOA2666	2068	seoa2752n
1829	SEOA2443a	1889	SEOA2513	1949	seoa2595	2009	SEOA2667	2069	SEOA2754
1830	SEOA2444a	1890	SEOA2514	1950	SEOA2596	2010	SEOA2668	2070	SEOA2755
1831	SEOA2445a	1891	seoa2515	1951	seoa2599m	2011	SEOA2669	2071	SEOA2756
1832	SEOA2447a	1892	seoa2516	1952	SEOA2601	2012	SEOA2670	2072	seoa2757n
1833	SEOA2448a	1893	SEOA2517	1953	seoa2602n	2013	seoa2672m	2073	SEOA2758
1834	SEOA2449a	1894	SEOA2518	1954	SEOA2603	2014	seoa2674	2074	SEOA2759
1835	SEOA2451a	1895	SEOA2519	1955	seoa2604m	2015	SEOA2675n	2075	seoa2760n
1836	SEOA2452a	1896	seoa2520m	1956	seoa2606m	2016	seoa2676	2076	SEOA2761
1837	SEOA2453a	1897	SEOA2522	1957	seoa2607mn	2017	SEOA2676n	2077	seoa2762
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1840	SEOA2456a	1900	SEOA2525	1960	seoa2612n	2020	seoa2680m	2080	SEOA2765
1841	SEOA2458a	1901	SEOA2527	1961	SEOA2613	2021	SEOA2681	2081	SEOA2766
1842	SEOA2459a	1902	SEOA2528	1962	SEOA2614	2022	seoa2682m	2082	SEOA2767
1843	SEOA2460a	1903	SEOA2529	1963	SEOA2615	2023	SEOA2683	2083	SEOA2768
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1850	SEOA2468	1910	seoa2539	1970	seoa2622	2030	seoa2692m	2090	seoa2776m
1851	seoa2469	1911	SEOA2540	1971	seoa2623	2031	seoa2693m	2091	SEOA2777
1852	seoa2470n	1912	SEOA2542	1972	SEOA2625	2032	seoa2696m	2092	seoa2782n
1853	SEOA2471	1913	SEOA2544	1973	SEOA2626	2033	seoa2698m	2093	seoa2783
1854	SEOA2472	1914	SEOA2546	1974	SEOA2627	2034	SEOA2699	2094	SEOA2784
1855	seoa2473m	1915	seoa2547	1975	SEOA2628	2035	SEOA2700	2095	SEOA2786
1856	SEOA2476	1916	SEOA2548	1976	SEOA2629	2036	SEOA2702	2096	SEOA2788
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1858	SEOA2478	1918	seoa2554	1978	SEOA2632	2038	seoa2704n	2098	SEOA2790n
1859	SEOA2479	1919	SEOA2555	1979	SEOA2633	2039	seoa2705m	2099	SEOA2792
1860	SEOA2480	1920	SEOA2556	1980	SEOA2635	2040	SEOA2707	2100	SEOA2793

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2101	SEOA2794	2161	SEOA2866	2221	SEOA2941a	2281	SEOA3016a	2341	SEOA3106a
2102	SEOA2795n	2162	SEOA2867	2222	SEOA2942a	2282	SEOA3017a	2342	SEOA3108a
2103	SEOA2796n	2163	SEOA2868	2223	SEOA2943a	2283	SEOA3018a	2343	SEOA3109a
2104	SEOA2797	2164	seoa2869m	2224	SEOA2944a	2284	SEOA3019a	2344	SEOA3110a
2105	SEOA2799	2165	SEOA2870	2225	SEOA2945a	2285	SEOA3020a	2345	SEOA3111a
2106	SEOA2800	2166	SEOA2871	2226	SEOA2946a	2286	SEOA3021a	2346	seoa3116an
2107	SEOA2801	2167	SEOA2872	2227	SEOA2949a	2287	SEOA3023a	2347	SEOA3117a
2108	SEOA2802	2168	SEOA2874	2228	SEOA2952a	2288	SEOA3026a	2348	SEOA3118a
2109	SEOA2803	2169	SEOA2875	2229	SEOA2954a	2289	SEOA3027a	2349	SEOA3121a
2110	SEOA2804	2170	SEOA2876	2230	SEOA2955a	2290	SEOA3028a	2350	SEOA3122a
2111	SEOA2805	2171	SEOA2877	2231	SEOA2956a	2291	SEOA3029a	2351	SEOA3124a
2112	SEOA2806	2172	SEOA2879	2232	SEOA2957a	2292	SEOA3031a	2352	SEOA3125a
2113	seoa2807	2173	SEOA2882	2233	SEOA2958a	2293	SEOA3032a	2353	SEOA3126a
2114	seoa2809m	2174	SEOA2883n	2234	SEOA2959a	2294	SEOA3033a	2354	SEOA3127a
2115	seoa2811	2175	SEOA2884n	2235	SEOA2961a	2295	SEOA3034a	2355	SEOA3128a
2116	seoa2812m	2176	SEOA2885n	2236	SEOA2962a	2296	SEOA3035a	2356	SEOA3129a
2117	SEOA2813	2177	SEOA2886a	2237	SEOA2964a	2297	SEOA3036a	2357	SEOA3130a
2118	SEOA2814	2178	SEOA2889a	2238	SEOA2965a	2298	SEOA3038a	2358	SEOA3131a
2119	SEOA2815	2179	seoa2891a	2239	SEOA2966a	2299	SEOA3041a	2359	SEOA3132a
2120	seoa2816n	2180	SEOA2892a	2240	SEOA2967a	2300	SEOA3042a	2360	SEOA3133a
2121	SEOA2817n	2181	SEOA2893a	2241	SEOA2968a	2301	SEOA3043a	2361	SEOA3134a
2122	SEOA2818	2182	SEOA2895a	2242	SEOA2970a	2302	SEOA3048a	2362	SEOA3135a
2123	SEOA2819	2183	SEOA2896a	2243	SEOA2971a	2303	SEOA3049a	2363	seoa3137m
2124	seoa2820n	2184	seoa2898a	2244	SEOA2972a	2304	seoa3051a	2364	SEOA3138
2125	SEOA2822	2185	SEOA2899a	2245	SEOA2974a	2305	SEOA3052a	2365	SEOA3139
2126	SEOA2823	2186	SEOA2900a	2246	SEOA2975a	2306	SEOA3053a	2366	SEOA3140
2127	SEOA2824	2187	SEOA2901a	2247	SEOA2977a	2307	seoa3055a	2367	seoa3143n
2128	SEOA2825n	2188	SEOA2903a	2248	SEOA2978a	2308	SEOA3057a	2368	SEOA3144
2129	seoa2826	2189	SEOA2904a	2249	SEOA2979a	2309	SEOA3062a	2369	seoa3145m
2130	SEOA2827	2190	SEOA2905a	2250	SEOA2981a	2310	SEOA3063a	2370	seoa3146m
2131	SEOA2828	2191	SEOA2906a	2251	SEOA2982a	2311	SEOA3064a	2371	SEOA3147
2132	SEOA2829	2192	SEOA2907a	2252	SEOA2983a	2312	SEOA3065a	2372	SEOA3149
2133	SEOA2830	2193	SEOA2908a	2253	SEOA2984a	2313	SEOA3067a	2373	seoa3150m
2134	SEOA2831n	2194	SEOA2909a	2254	SEOA2985a	2314	SEOA3069a	2374	seoa3152m
2135	SEOA2832	2195	SEOA2910a	2255	SEOA2986a	2315	SEOA3070a	2375	seoa3153m
2136	SEOA2833n	2196	SEOA2911a	2256	SEOA2987a	2316	SEOA3074a	2376	seoa3156mn
2137	SEOA2837	2197	SEOA2912a	2257	SEOA2989a	2317	SEOA3075a	2377	seoa3157m
2138	SEOA2838	2198	SEOA2913a	2258	SEOA2990a	2318	seoa3076a	2378	seoa3162m
2139	SEOA2839	2199	SEOA2914a	2259	SEOA2992a	2319	SEOA3077a	2379	seoa3164m
2140	SEOA2840	2200	SEOA2915a	2260	SEOA2993a	2320	SEOA3078a	2380	SEOA3165
2141	SEOA2841	2201	SEOA2917a	2261	SEOA2994a	2321	seoa3079a	2381	SEOA3166
2142	SEOA2842	2202	seoa2918an	2262	SEOA2995a	2322	SEOA3080a	2382	seoa3167m
2143	SEOA2843	2203	SEOA2919a	2263	SEOA2996a	2323	seoa3081a	2383	seoa3168mn
2144	SEOA2844	2204	SEOA2920a	2264	SEOA2997a	2324	SEOA3083a	2384	seoa3170m
2145	SEOA2845	2205	SEOA2921a	2265	SEOA2998a	2325	seoa3084an	2385	SEOA3171n
2146	SEOA2846	2206	SEOA2922a	2266	SEOA2999a	2326	SEOA3085a	2386	seoa3173n
2147	SEOA2847n	2207	SEOA2924a	2267	SEOA3000a	2327	SEOA3088a	2387	SEOA3174
2148	SEOA2848	2208	SEOA2926a	2268	SEOA3001a	2328	SEOA3090a	2388	SEOA3175
2149	SEOA2850	2209	SEOA2927a	2269	SEOA3002a	2329	SEOA3091a	2389	seoa3176m
2150	SEOA2851	2210	SEOA2928a	2270	SEOA3003a	2330	SEOA3092a	2390	seoa3177m
2151	SEOA2852	2211	SEOA2929a	2271	SEOA3004a	2331	SEOA3093a	2391	seoa3178m
2152	SEOA2853	2212	SEOA2930a	2272	SEOA3006a	2332	SEOA3094a	2392	SEOA3179n
2153	SEOA2854	2213	SEOA2931a	2273	SEOA3007a	2333	SEOA3095a	2393	SEOA3180n
2154	SEOA2856	2214	SEOA2932a	2274	SEOA3008a	2334	SEOA3097a	2394	SEOA3181
2155	SEOA2858	2215	SEOA2933a	2275	seoa3009a	2335	SEOA3098a	2395	SEOA3183
2156	SEOA2859	2216	SEOA2934a	2276	SEOA3010a	2336	SEOA3099a	2396	SEOA3184
2157	SEOA2860	2217	SEOA2936a	2277	SEOA3012a	2337	SEOA3101a	2397	SEOA3186
2158	SEOA2861	2218	SEOA2937a	2278	SEOA3013a	2338	SEOA3102a	2398	SEOA3187
2159	SEOA2862	2219	SEOA2938a	2279	SEOA3014a	2339	SEOA3103a	2399	SEOA3188
2160	SEOA2863	2220	SEOA2940a	2280	SEOA3015a	2340	SEOA3105a	2400	SEOA3189

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2401	SEOA3190	2461	SEOA3263	2521	SEOA3359a	2581	seoa3449a	2641	SEOA3544a
2402	seoa3191n	2462	SEOA3264	2522	SEOA3361a	2582	SEOA3450a	2642	SEOA3545a
2403	SEOA3192	2463	SEOA3266	2523	SEOA3363a	2583	SEOA3451a	2643	SEOA3546a
2404	SEOA3194	2464	SEOA3267	2524	SEOA3366a	2584	SEOA3454a	2644	SEOA3547a
2405	SEOA3195	2465	SEOA3268	2525	SEOA3369a	2585	SEOA3456a	2645	SEOA3548a
2406	SEOA3196	2466	SEOA3269	2526	SEOA3371a	2586	SEOA3457a	2646	SEOA3549a
2407	SEOA3197	2467	seoa3270n	2527	SEOA3373a	2587	SEOA3458a	2647	SEOA3551a
2408	SEOA3198	2468	seoa3271n	2528	SEOA3374a	2588	SEOA3466a	2648	SEOA3552a
2409	seoa3199m	2469	seoa3272n	2529	SEOA3375a	2589	SEOA3467a	2649	SEOA3554a
2410	SEOA3200	2470	SEOA3273n	2530	SEOA3376a	2590	SEOA3468a	2650	SEOA3555a
2411	SEOA3201	2471	SEOA3274n	2531	seoa3378an	2591	SEOA3469a	2651	SEOA3556a
2412	SEOA3202	2472	SEOA3276	2532	seoa3379an	2592	SEOA3472a	2652	SEOA3557a
2413	SEOA3204	2473	SEOA3277n	2533	SEOA3381a	2593	SEOA3473a	2653	SEOA3559a
2414	seoa3205n	2474	SEOA3287	2534	SEOA3382a	2594	SEOA3474a	2654	SEOA3560a
2415	SEOA3207	2475	SEOA3288	2535	SEOA3383a	2595	seoa3475an	2655	SEOA3561a
2416	SEOA3208	2476	seoa3289n	2536	SEOA3384a	2596	seoa3476a	2656	SEOA3563a
2417	seoa3209	2477	seoa3290n	2537	SEOA3385a	2597	SEOA3477a	2657	SEOA3564a
2418	SEOA3212	2478	SEOA3291	2538	SEOA3386a	2598	SEOA3478a	2658	SEOA3565a
2419	SEOA3213	2479	SEOA3293	2539	SEOA3387a	2599	SEOA3486a	2659	SEOA3566a
2420	SEOA3214	2480	SEOA3294	2540	SEOA3388a	2600	SEOA3489a	2660	SEOA3567a
2421	SEOA3215	2481	seoa3295n	2541	SEOA3389a	2601	SEOA3490a	2661	SEOA3568a
2422	seoa3216	2482	SEOA3296	2542	SEOA3390a	2602	SEOA3491a	2662	SEOA3571a
2423	seoa3217	2483	SEOA3299	2543	SEOA3391a	2603	SEOA3492a	2663	SEOA3572a
2424	SEOA3218	2484	SEOA3300	2544	SEOA3392a	2604	SEOA3494a	2664	SEOA3573a
2425	SEOA3219	2485	SEOA3303	2545	SEOA3393a	2605	SEOA3495a	2665	SEOA3575a
2426	seoa3221m	2486	SEOA3305n	2546	SEOA3394a	2606	SEOA3496a	2666	SEOA3576a
2427	SEOA3222	2487	SEOA3306	2547	SEOA3395a	2607	SEOA3498a	2667	SEOA3577a
2428	SEOA3223	2488	SEOA3307	2548	SEOA3396a	2608	SEOA3499a	2668	SEOA3578a
2429	SEOA3224	2489	SEOA3308	2549	SEOA3397a	2609	SEOA3500a	2669	SEOA3579a
2430	SEOA3225	2490	SEOA3309	2550	SEOA3399a	2610	SEOA3501a	2670	SEOA3580a
2431	seoa3226	2491	seoa3311m	2551	SEOA3400a	2611	SEOA3502a	2671	SEOA3582a
2432	SEOA3227	2492	seoa3314a	2552	SEOA3401a	2612	SEOA3503a	2672	SEOA3583a
2433	SEOA3228	2493	SEOA3315a	2553	SEOA3402a	2613	SEOA3504a	2673	SEOA3584a
2434	SEOA3229	2494	seoa3317a	2554	SEOA3403a	2614	SEOA3505a	2674	SEOA3587a
2435	SEOA3230	2495	SEOA3318a	2555	SEOA3404a	2615	SEOA3506a	2675	SEOA3588a
2436	seoa3231	2496	SEOA3319a	2556	SEOA3405a	2616	SEOA3507a	2676	SEOA3589a
2437	SEOA3232	2497	SEOA3322a	2557	SEOA3408a	2617	SEOA3509a	2677	SEOA3591a
2438	SEOA3233n	2498	SEOA3324a	2558	seoa3411an	2618	SEOA3510a	2678	seoa3592a
2439	seoa3235mn	2499	SEOA3325a	2559	SEOA3412a	2619	SEOA3511a	2679	SEOA3593a
2440	seoa3238	2500	SEOA3328a	2560	seoa3414an	2620	seoa3512a	2680	seoa3596an
2441	seoa3239m	2501	SEOA3329a	2561	SEOA3415a	2621	SEOA3513a	2681	seoa3597a
2442	SEOA3240	2502	SEOA3330a	2562	SEOA3416a	2622	SEOA3514a	2682	SEOA3598a
2443	SEOA3241	2503	SEOA3331a	2563	SEOA3417a	2623	SEOA3515a	2683	SEOA3600a
2444	SEOA3242n	2504	SEOA3335a	2564	SEOA3419a	2624	SEOA3516a	2684	SEOA3601a
2445	SEOA3243	2505	SEOA3337a	2565	SEOA3420a	2625	SEOA3521a	2685	SEOA3602a
2446	SEOA3244	2506	SEOA3338a	2566	SEOA3421a	2626	SEOA3524a	2686	SEOA3603a
2447	SEOA3245	2507	SEOA3340a	2567	SEOA3422a	2627	SEOA3525a	2687	SEOA3604a
2448	SEOA3246	2508	SEOA3341a	2568	seoa3423an	2628	SEOA3527a	2688	SEOA3606a
2449	SEOA3247	2509	SEOA3343a	2569	seoa3424an	2629	SEOA3529a	2689	SEOA3608a
2450	seoa3248	2510	SEOA3344a	2570	SEOA3425a	2630	SEOA3530a	2690	SEOA3609a
2451	seoa3249	2511	SEOA3345a	2571	SEOA3426a	2631	SEOA3531a	2691	seoa3610an
2452	seoa3250m	2512	SEOA3348a	2572	SEOA3428a	2632	SEOA3533a	2692	SEOA3613a
2453	seoa3251m	2513	SEOA3349a	2573	SEOA3429a	2633	SEOA3535a	2693	SEOA3614a
2454	seoa3252m	2514	SEOA3350a	2574	SEOA3430a	2634	SEOA3537a	2694	SEOA3615a
2455	seoa3254m	2515	SEOA3352a	2575	SEOA3433a	2635	SEOA3538a	2695	SEOA3616a
2456	SEOA3255	2516	SEOA3353a	2576	SEOA3434a	2636	SEOA3539a	2696	SEOA3617a
2457	SEOA3256n	2517	SEOA3355a	2577	seoa3443a	2637	SEOA3540a	2697	SEOA3618a
2458	seoa3257m	2518	SEOA3356a	2578	seoa3444an	2638	SEOA3541a	2698	SEOA3620a
2459	seoa3258m	2519	SEOA3357a	2579	SEOA3445a	2639	SEOA3542a	2699	SEOA3622a
2460	SEOA3261	2520	SEOA3358a	2580	SEOA3446a	2640	SEOA3543a	2700	SEOA3623a

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2701	SEOA3624a	2761	SEOA3697a	2821	SEOA3775a	2881	SEOA3859	2941	SEOA3931
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2703	SEOA3627a	2763	SEOA3700a	2823	SEOA3777a	2883	SEOA3861	2943	SEOA3933
2704	SEOA3628a	2764	SEOA3701a	2824	SEOA3778a	2884	SEOA3862	2944	SEOA3934
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3001	SEOA4006a	3061	SEOA4098a	3121	SEOA4183a	3181	SEOA4281a	3241	SEOA4370a
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3613	SEOA4863a	3673	seoa4945a	3733	SEOA5055a	3793	SEOA5133a	3853	SEOA5245a
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3615	SEOA4866a	3675	seoa4948a	3735	SEOA5057a	3795	SEOA5136a	3855	SEOA5247a
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3642	seoa4901a	3702	seoa4987a	3762	SEOA5091a	3822	SEOA5170a	3882	seoa5286a
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3648	seoa4911a	3708	seoa4998a	3768	SEOA5099a	3828	SEOA5202a	3888	SEOA5294a
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3659	seoa4926a	3719	SEOA5029a	3779	SEOA5113a	3839	seoa5223a	3899	SEOA5311a
3660	seoa4927a	3720	SEOA5030a	3780	SEOA5114a	3840	SEOA5224a	3900	SEOA5312a



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3901	SEOA5313a	3961	SEOA5393	4021	SEOA5471a	4081	SEOA5539a	4141	SEOA5614a
3902	SEOA5314a	3962	SEOA5394	4022	SEOA5472a	4082	SEOA5540a	4142	SEOA5615a
3903	SEOA5315a	3963	seoa5395n	4023	SEOA5473a	4083	SEOA5541a	4143	SEOA5616a
3904	SEOA5316a	3964	SEOA5396	4024	SEOA5474a	4084	seoa5543an	4144	SEOA5617a
3905	SEOA5317a	3965	SEOA5397	4025	seoa5475a	4085	SEOA5544a	4145	SEOA5620a
3906	SEOA5318a	3966	SEOA5398	4026	SEOA5476a	4086	SEOA5545a	4146	SEOA5621a
3907	SEOA5319a	3967	SEOA5399	4027	SEOA5477a	4087	SEOA5546a	4147	SEOA5622a
3908	seoa5320an	3968	SEOA5401	4028	SEOA5478a	4088	SEOA5547a	4148	SEOA5623a
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3913	SEOA5328a	3973	SEOA5408	4033	SEOA5486a	4093	SEOA5552a	4153	SEOA5630a
3914	SEOA5329a	3974	SEOA5409	4034	SEOA5488a	4094	SEOA5553a	4154	SEOA5634a
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3920	SEOA5342	3980	SEOA5415	4040	SEOA5494a	4100	SEOA5559a	4160	SEOA5641a
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3922	SEOA5345	3982	SEOA5418	4042	SEOA5498a	4102	SEOA5563a	4162	SEOA5643a
3923	SEOA5347	3983	SEOA5419	4043	SEOA5499a	4103	SEOA5565a	4163	SEOA5644a
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3928	SEOA5352	3988	SEOA5428	4048	seoa5504an	4108	SEOA5572a	4168	SEOA5652a
3929	SEOA5353	3989	SEOA5429	4049	SEOA5505a	4109	SEOA5573a	4169	SEOA5653a
3930	SEOA5354	3990	SEOA5432	4050	SEOA5506a	4110	SEOA5574a	4170	SEOA5654a
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3932	SEOA5356	3992	SEOA5436	4052	seoa5508a	4112	SEOA5576a	4172	SEOA5656a
3933	SEOA5357	3993	SEOA5437	4053	SEOA5509a	4113	SEOA5577a	4173	SEOA5657a
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3939	SEOA5366	3999	SEOA5445	4059	SEOA5517a	4119	SEOA5583a	4179	seoa5664a
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3942	SEOA5370	4002	SEOA5448	4062	SEOA5520a	4122	SEOA5586a	4182	SEOA5667a
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3949	SEOA5381	4009	SEOA5456	4069	SEOA5527a	4129	SEOA5595a	4189	SEOA5675a
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3952	SEOA5384	4012	SEOA5461	4072	SEOA5530a	4132	SEOA5600a	4192	seoa5678a
3953	SEOA5385	4013	SEOA5462	4073	SEOA5531a	4133	SEOA5601a	4193	SEOA5679a
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3956	SEOA5388	4016	SEOA5465a	4076	SEOA5534a	4136	SEOA5605a	4196	SEOA5682a
3957	SEOA5389	4017	SEOA5466a	4077	SEOA5535a	4137	SEOA5606a	4197	SEOA5683a
3958	SEOA5390	4018	SEOA5468a	4078	SEOA5536a	4138	SEOA5608a	4198	SEOA5684a
3959	SEOA5391	4019	SEOA5469a	4079	SEOA5537a	4139	SEOA5612a	4199	SEOA5685a
3960	SEOA5392	4020	SEOA5470a	4080	SEOA5538a	4140	SEOA5613a	4200	SEOA5687a

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4201	SEOA5689a	4261	SEOA5769	4321	SEOA5835	4381	SEOA5918	4441	SEOA5999a
4202	SEOA5691a	4262	SEOA5770	4322	SEOA5836	4382	SEOA5919	4442	SEOA6000a
4203	SEOA5694a	4263	seoa5771	4323	SEOA5837	4383	SEOA5920	4443	SEOA6001a
4204	SEOA5697a	4264	SEOA5772	4324	SEOA5838	4384	SEOA5924	4444	SEOA6002a
4205	SEOA5698a	4265	SEOA5773	4325	seoa5839	4385	SEOA5926	4445	SEOA6003a
4206	SEOA5699a	4266	SEOA5774	4326	SEOA5840	4386	seoa5927	4446	SEOA6005a
4207	SEOA5700a	4267	SEOA5775	4327	SEOA5841	4387	SEOA5928	4447	SEOA6006a
4208	SEOA5702a	4268	seoa5777	4328	SEOA5842	4388	SEOA5929	4448	SEOA6007a
4209	SEOA5703a	4269	SEOA5778	4329	SEOA5843	4389	SEOA5930	4449	SEOA6008a
4210	SEOA5704a	4270	SEOA5779	4330	SEOA5844	4390	SEOA5932	4450	SEOA6009a
4211	SEOA5705a	4271	SEOA5780	4331	SEOA5845	4391	SEOA5933	4451	SEOA6010a
4212	SEOA5710a	4272	SEOA5781	4332	SEOA5846	4392	seoa5935	4452	SEOA6012a
4213	SEOA5711a	4273	SEOA5782	4333	SEOA5848	4393	SEOA5937	4453	SEOA6013a
4214	SEOA5712a	4274	SEOA5783	4334	SEOA5849	4394	SEOA5938	4454	SEOA6015a
4215	SEOA5713a	4275	SEOA5784	4335	SEOA5850	4395	SEOA5939	4455	SEOA6018a
4216	SEOA5714a	4276	SEOA5785	4336	SEOA5851	4396	SEOA5940	4456	SEOA6019a
4217	SEOA5717a	4277	SEOA5786	4337	SEOA5854	4397	SEOA5942	4457	SEOA6020a
4218	SEOA5718a	4278	SEOA5787	4338	SEOA5855	4398	SEOA5943	4458	SEOA6021a
4219	SEOA5720a	4279	SEOA5788	4339	seoa5857n	4399	SEOA5944	4459	SEOA6022a
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4222	SEOA5723a	4282	SEOA5791	4342	SEOA5862	4402	SEOA5947	4462	SEOA6025a
4223	SEOA5724a	4283	SEOA5792	4343	SEOA5863	4403	SEOA5948	4463	SEOA6026a
4224	SEOA5726a	4284	SEOA5793	4344	SEOA5864	4404	SEOA5950	4464	SEOA6027a
4225	SEOA5727a	4285	seoa5794	4345	SEOA5865	4405	SEOA5953	4465	SEOA6028a
4226	SEOA5728a	4286	SEOA5795	4346	seoa5866	4406	SEOA5955	4466	SEOA6029a
4227	SEOA5729a	4287	SEOA5798	4347	SEOA5868	4407	SEOA5957	4467	SEOA6030a
4228	SEOA5730a	4288	SEOA5799	4348	SEOA5869	4408	SEOA5958	4468	SEOA6031a
4229	SEOA5731a	4289	SEOA5800	4349	seoa5870	4409	SEOA5959	4469	SEOA6032a
4230	SEOA5732a	4290	SEOA5801	4350	SEOA5871	4410	SEOA5960	4470	SEOA6033a
4231	SEOA5733a	4291	seoa5805n	4351	SEOA5873	4411	SEOA5961	4471	SEOA6034a
4232	SEOA5734a	4292	SEOA5806	4352	SEOA5874	4412	SEOA5962	4472	seoa6035an
4233	SEOA5735a	4293	SEOA5807	4353	SEOA5876	4413	SEOA5963	4473	SEOA6036a
4234	SEOA5736a	4294	SEOA5808	4354	SEOA5877	4414	SEOA5964	4474	SEOA6037a
4235	SEOA5737a	4295	SEOA5809	4355	SEOA5878	4415	SEOA5966	4475	SEOA6038a
4236	SEOA5741a	4296	SEOA5810	4356	SEOA5879	4416	SEOA5967a	4476	SEOA6039a
4237	SEOA5742a	4297	SEOA5811	4357	SEOA5881	4417	SEOA5969a	4477	SEOA6040a
4238	SEOA5743a	4298	SEOA5812	4358	SEOA5882	4418	SEOA5970a	4478	SEOA6041a
4239	SEOA5744a	4299	SEOA5813	4359	SEOA5883	4419	SEOA5971a	4479	SEOA6042a
4240	SEOA5745a	4300	SEOA5814	4360	SEOA5885	4420	SEOA5972a	4480	SEOA6043a
4241	SEOA5746a	4301	SEOA5815	4361	SEOA5887	4421	SEOA5973a	4481	SEOA6046a
4242	SEOA5747a	4302	SEOA5816	4362	SEOA5889	4422	SEOA5974a	4482	SEOA6048a
4243	SEOA5748a	4303	SEOA5817	4363	SEOA5890	4423	SEOA5976a	4483	SEOA6049a
4244	SEOA5749a	4304	SEOA5818	4364	SEOA5893	4424	SEOA5977a	4484	SEOA6050a
4245	seoa5750a	4305	SEOA5819	4365	SEOA5894	4425	SEOA5978a	4485	SEOA6051a
4246	SEOA5752a	4306	SEOA5820	4366	SEOA5896	4426	SEOA5979a	4486	SEOA6052a
4247	SEOA5753a	4307	SEOA5821	4367	SEOA5898	4427	SEOA5981a	4487	SEOA6053a
4248	SEOA5754a	4308	SEOA5822	4368	SEOA5899	4428	SEOA5982a	4488	SEOA6054a
4249	SEOA5755a	4309	SEOA5823	4369	SEOA5900	4429	SEOA5983a	4489	SEOA6056a
4250	SEOA5756a	4310	SEOA5824	4370	SEOA5901	4430	SEOA5985a	4490	SEOA6057a
4251	seoa5757an	4311	SEOA5825	4371	SEOA5902	4431	SEOA5986a	4491	seoa6058a
4252	SEOA5759	4312	SEOA5826	4372	SEOA5903	4432	SEOA5987a	4492	SEOA6060a
4253	SEOA5760	4313	SEOA5827	4373	SEOA5904	4433	SEOA5988a	4493	SEOA6061a
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4259	SEOA5766	4319	SEOA5833	4379	SEOA5916	4439	SEOA5997a	4499	SEOA6068a
4260	SEOA5767	4320	SEOA5834	4380	SEOA5917	4440	SEOA5998a	4500	SEOA6069a

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4501	SEOA6070a	4561	SEOA6146a	4621	SEOA6219a	4681	SEOA6297	4741	SEOA6386
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4801	SEOA6459a	4861	SEOA6533a	4921	SEOA6611a	4981	SEOA6685a	5041	seoa6756
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5101	seoa6829	5161	SEOA6911	5221	seoa6985	5281	seoa7056	5341	SEOA7134a
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5137	SEOA6885	5197	seoa6955	5257	seoa7026	5317	SEOA7098a	5377	SEOA7184a
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5152	SEOA6902	5212	seoa6975	5272	seoa7044	5332	SEOA7123a	5392	SEOA7204a
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5160	SEOA6910	5220	seoa6983	5280	seoa7054	5340	SEOA7133a	5400	SEOA7215a

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5401	SEOA7216a	5461	SEOA7292a	5521	SEOA7365a	5581	SEOA7440a	5641	SEOA7523a
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5460	SEOA7291a	5520	SEOA7364a	5580	SEOA7438a	5640	SEOA7522a	5700	SEOA7592a

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5701	SEOA7593a	5761	SEOA7664a	5821	seoa7740a	5881	seoa7822a	5941	SEOA7908a
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5704	SEOA7598a	5764	SEOA7669a	5824	seoa7743a	5884	seoa7827a	5944	SEOA7914a
5705	SEOA7600a	5765	SEOA7670a	5825	seoa7744a	5885	seoa7828a	5945	SEOA7915a
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5708	SEOA7603a	5768	SEOA7675a	5828	seoa7748a	5888	seoa7831a	5948	seoa7919an
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6001	seoa7981	6061	seoa8052	6121	seoa8131	6181	SEOA8214	6241	SEOA8285
6002	seoa7982	6062	seoa8054	6122	seoa8132	6182	SEOA8215	6242	SEOA8286
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6014	seoa7999	6074	seoa8072	6134	seoa8150	6194	SEOA8233	6254	SEOA8306a
6015	seoa8001	6075	seoa8073	6135	seoa8151	6195	SEOA8234	6255	SEOA8307a
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6301	SEOA8368a	6361	SEOA8446	6421	SEOA8521	6481	SEOA8585	6541	SEOA8652
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6307	SEOA8376a	6367	SEOA8454	6427	seo8527n	6487	SEOA8593	6547	SEOA8658
6308	seo8377an	6368	SEOA8455	6428	SEOA8528	6488	SEOA8594	6548	SEOA8661
6309	SEOA8378a	6369	SEOA8456	6429	SEOA8529	6489	SEOA8595	6549	SEOA8663
6310	SEOA8379a	6370	SEOA8457	6430	SEOA8530	6490	SEOA8597	6550	SEOA8664
6311	SEOA8380a	6371	SEOA8458	6431	SEOA8531	6491	SEOA8598	6551	SEOA8668
6312	SEOA8381a	6372	SEOA8459	6432	SEOA8532	6492	SEOA8599	6552	SEOA8669
6313	SEOA8382a	6373	SEOA8460	6433	SEOA8533	6493	SEOA8600	6553	SEOA8670
6314	SEOA8383a	6374	SEOA8461	6434	SEOA8534	6494	SEOA8601	6554	SEOA8671
6315	SEOA8384a	6375	SEOA8462	6435	SEOA8535	6495	seo8602n	6555	SEOA8672
6316	SEOA8386a	6376	SEOA8463	6436	SEOA8537	6496	SEOA8603	6556	SEOA8673
6317	SEOA8387a	6377	SEOA8464	6437	SEOA8538	6497	SEOA8604	6557	SEOA8674
6318	SEOA8388a	6378	SEOA8466	6438	SEOA8539	6498	SEOA8605	6558	SEOA8675
6319	SEOA8389a	6379	SEOA8467	6439	SEOA8540	6499	SEOA8606	6559	SEOA8676
6320	SEOA8390a	6380	SEOA8468	6440	SEOA8541	6500	SEOA8608	6560	SEOA8677
6321	SEOA8391a	6381	SEOA8469	6441	SEOA8542	6501	SEOA8609	6561	SEOA8678
6322	SEOA8392a	6382	SEOA8471	6442	SEOA8543	6502	SEOA8610	6562	SEOA8679
6323	seo8393an	6383	SEOA8472	6443	SEOA8544	6503	SEOA8611	6563	SEOA8680
6324	SEOA8394a	6384	SEOA8474	6444	SEOA8546	6504	SEOA8612	6564	SEOA8681
6325	SEOA8395a	6385	SEOA8475	6445	seo8547n	6505	SEOA8613	6565	SEOA8682
6326	SEOA8396a	6386	SEOA8477	6446	seo8548n	6506	SEOA8614	6566	SEOA8683
6327	SEOA8397a	6387	SEOA8478	6447	SEOA8549	6507	SEOA8615	6567	SEOA8684
6328	SEOA8398a	6388	SEOA8479	6448	SEOA8550	6508	SEOA8616	6568	SEOA8685
6329	SEOA8399a	6389	SEOA8480	6449	SEOA8551	6509	SEOA8617	6569	SEOA8686
6330	SEOA8401a	6390	SEOA8481	6450	SEOA8552	6510	SEOA8618	6570	SEOA8687
6331	SEOA8402a	6391	SEOA8482	6451	SEOA8553	6511	SEOA8619	6571	SEOA8690
6332	SEOA8403a	6392	SEOA8483	6452	SEOA8554	6512	SEOA8620	6572	SEOA8691
6333	SEOA8406a	6393	SEOA8484	6453	SEOA8555	6513	SEOA8621	6573	SEOA8692
6334	SEOA8407a	6394	SEOA8486	6454	SEOA8556	6514	SEOA8622	6574	SEOA8693
6335	SEOA8417	6395	SEOA8487	6455	SEOA8557	6515	SEOA8623	6575	SEOA8694
6336	SEOA8418	6396	SEOA8488	6456	SEOA8558	6516	SEOA8624	6576	SEOA8696
6337	SEOA8419	6397	SEOA8489	6457	SEOA8559	6517	SEOA8625	6577	SEOA8698
6338	SEOA8420	6398	SEOA8491	6458	SEOA8560	6518	SEOA8626	6578	SEOA8699
6339	SEOA8421	6399	SEOA8492	6459	SEOA8562	6519	SEOA8627	6579	SEOA8700
6340	SEOA8422	6400	SEOA8493	6460	SEOA8563	6520	SEOA8628	6580	SEOA8701
6341	SEOA8423	6401	SEOA8498	6461	SEOA8564	6521	SEOA8630	6581	SEOA8702
6342	SEOA8424	6402	SEOA8499	6462	SEOA8565	6522	SEOA8631	6582	SEOA8703
6343	SEOA8425	6403	SEOA8501	6463	SEOA8566	6523	SEOA8632	6583	SEOA8704
6344	SEOA8426	6404	SEOA8502	6464	SEOA8567	6524	SEOA8633	6584	SEOA8705
6345	SEOA8428	6405	SEOA8504	6465	SEOA8568	6525	SEOA8634	6585	SEOA8706
6346	SEOA8429	6406	SEOA8505	6466	SEOA8569	6526	SEOA8635	6586	SEOA8707
6347	SEOA8430	6407	SEOA8506	6467	SEOA8570	6527	SEOA8636	6587	SEOA8708
6348	SEOA8432	6408	SEOA8507	6468	SEOA8571	6528	SEOA8637	6588	SEOA8709
6349	SEOA8433	6409	SEOA8508	6469	SEOA8572	6529	SEOA8638	6589	SEOA8710
6350	SEOA8434	6410	SEOA8509	6470	SEOA8573	6530	SEOA8640	6590	SEOA8712
6351	SEOA8436	6411	SEOA8510	6471	SEOA8575	6531	SEOA8642	6591	SEOA8714
6352	SEOA8437	6412	SEOA8511	6472	SEOA8576	6532	SEOA8643	6592	SEOA8715
6353	SEOA8438	6413	SEOA8512	6473	SEOA8577	6533	SEOA8644	6593	SEOA8716
6354	SEOA8439	6414	SEOA8514	6474	SEOA8578	6534	SEOA8645	6594	SEOA8719
6355	SEOA8440	6415	SEOA8515	6475	SEOA8579	6535	SEOA8646	6595	SEOA8720
6356	SEOA8441	6416	SEOA8516	6476	SEOA8580	6536	SEOA8647	6596	SEOA8722
6357	SEOA8442	6417	SEOA8517	6477	SEOA8581	6537	SEOA8648	6597	SEOA8723
6358	SEOA8443	6418	SEOA8518	6478	SEOA8582	6538	SEOA8649	6598	SEOA8724
6359	SEOA8444	6419	SEOA8519	6479	SEOA8583	6539	SEOA8650	6599	SEOA8725
6360	SEOA8445	6420	SEOA8520	6480	SEOA8584	6540	SEOA8651	6600	SEOA8727

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6601	SEOA8728	6661	SEOA8797	6721	SEOA8883	6781	SEOA8962	6841	SEOA9032
6602	SEOA8729	6662	SEOA8798	6722	SEOA8884	6782	SEOA8963	6842	SEOA9033
6603	SEOA8731	6663	SEOA8799	6723	SEOA8885	6783	SEOA8964	6843	SEOA9034
6604	SEOA8733	6664	SEOA8800	6724	SEOA8890	6784	SEOA8966	6844	SEOA9037
6605	SEOA8734	6665	SEOA8801	6725	SEOA8891	6785	SEOA8967	6845	SEOA9038
6606	SEOA8735	6666	SEOA8802	6726	SEOA8892	6786	SEOA8968	6846	SEOA9039
6607	SEOA8737	6667	SEOA8803	6727	SEOA8894	6787	SEOA8969	6847	SEOA9040
6608	SEOA8738	6668	SEOA8804	6728	SEOA8895	6788	SEOA8970	6848	SEOA9042
6609	SEOA8739	6669	SEOA8805	6729	SEOA8898	6789	SEOA8971	6849	SEOA9046
6610	SEOA8740	6670	SEOA8806	6730	SEOA8899	6790	SEOA8972	6850	SEOA9047
6611	SEOA8741	6671	SEOA8808	6731	SEOA8900	6791	SEOA8973	6851	SEOA9049
6612	SEOA8742	6672	SEOA8809	6732	SEOA8902	6792	SEOA8974	6852	SEOA9051
6613	SEOA8743	6673	seo8812n	6733	SEOA8903	6793	SEOA8975	6853	SEOA9060
6614	SEOA8744	6674	SEOA8813	6734	SEOA8904	6794	SEOA8976	6854	SEOA9064
6615	SEOA8745	6675	SEOA8814	6735	SEOA8905	6795	SEOA8977	6855	SEOA9065
6616	SEOA8746	6676	SEOA8816	6736	SEOA8906	6796	SEOA8978	6856	SEOA9066
6617	SEOA8747	6677	SEOA8817	6737	SEOA8907	6797	SEOA8979	6857	SEOA9067
6618	SEOA8748	6678	SEOA8818	6738	SEOA8908	6798	SEOA8980	6858	SEOA9068
6619	SEOA8749	6679	SEOA8819	6739	SEOA8909	6799	SEOA8981	6859	SEOA9070
6620	SEOA8750	6680	SEOA8820	6740	SEOA8910	6800	SEOA8982	6860	SEOA9071
6621	SEOA8751	6681	SEOA8821	6741	SEOA8911	6801	SEOA8983	6861	SEOA9072
6622	SEOA8752	6682	SEOA8822	6742	SEOA8912	6802	SEOA8984	6862	SEOA9074
6623	SEOA8753	6683	SEOA8823	6743	SEOA8913	6803	SEOA8985	6863	SEOA9075
6624	SEOA8754	6684	SEOA8824	6744	SEOA8914	6804	SEOA8986	6864	SEOA9076
6625	SEOA8756	6685	SEOA8825	6745	SEOA8916	6805	SEOA8987	6865	SEOA9078
6626	SEOA8757	6686	SEOA8826	6746	SEOA8917	6806	SEOA8988	6866	SEOA9079
6627	SEOA8758	6687	SEOA8827	6747	SEOA8918	6807	SEOA8989	6867	SEOA9081
6628	SEOA8759	6688	SEOA8828	6748	SEOA8919	6808	SEOA8990	6868	SEOA9082
6629	SEOA8760	6689	SEOA8830	6749	SEOA8920	6809	SEOA8991	6869	SEOA9083
6630	SEOA8761	6690	SEOA8831	6750	SEOA8921	6810	SEOA8992	6870	SEOA9084
6631	SEOA8762	6691	SEOA8832	6751	SEOA8922	6811	SEOA8993	6871	SEOA9085
6632	SEOA8764	6692	SEOA8833	6752	SEOA8923	6812	SEOA8996	6872	SEOA9086
6633	SEOA8765	6693	SEOA8834	6753	SEOA8924	6813	SEOA8997	6873	SEOA9088
6634	SEOA8766	6694	SEOA8835	6754	SEOA8925	6814	SEOA8999	6874	SEOA9089
6635	SEOA8767	6695	SEOA8836	6755	SEOA8926	6815	SEOA9000	6875	SEOA9090
6636	SEOA8768	6696	SEOA8837	6756	SEOA8927	6816	SEOA9001	6876	SEOA9094
6637	SEOA8770	6697	SEOA8838	6757	SEOA8934	6817	SEOA9003	6877	SEOA9095
6638	SEOA8771	6698	SEOA8839	6758	SEOA8935	6818	SEOA9004	6878	SEOA9096
6639	SEOA8772	6699	SEOA8840	6759	seo8936n	6819	SEOA9006	6879	SEOA9097
6640	SEOA8773	6700	SEOA8841	6760	SEOA8938	6820	SEOA9007	6880	SEOA9098
6641	SEOA8774	6701	SEOA8842	6761	SEOA8939	6821	SEOA9010	6881	SEOA9099
6642	SEOA8776	6702	SEOA8844	6762	SEOA8940	6822	SEOA9012	6882	SEOA9100
6643	SEOA8777	6703	SEOA8845	6763	SEOA8943	6823	SEOA9013	6883	SEOA9101
6644	SEOA8779	6704	SEOA8846	6764	SEOA8944	6824	SEOA9014	6884	SEOA9103
6645	SEOA8780	6705	SEOA8847	6765	SEOA8945	6825	SEOA9015	6885	SEOA9104
6646	SEOA8781	6706	SEOA8848	6766	SEOA8946	6826	SEOA9016	6886	SEOA9105
6647	SEOA8782	6707	SEOA8851	6767	SEOA8947	6827	SEOA9017	6887	SEOA9106
6648	SEOA8783	6708	SEOA8852	6768	SEOA8948	6828	SEOA9018	6888	SEOA9107
6649	SEOA8784	6709	SEOA8854	6769	SEOA8949	6829	SEOA9020	6889	SEOA9108
6650	SEOA8785	6710	SEOA8856	6770	SEOA8950	6830	SEOA9021	6890	SEOA9110
6651	SEOA8786	6711	SEOA8859	6771	SEOA8951	6831	SEOA9022	6891	SEOA9111
6652	SEOA8787	6712	SEOA8867	6772	SEOA8952	6832	SEOA9023	6892	SEOA9115
6653	SEOA8788	6713	SEOA8870	6773	SEOA8954	6833	SEOA9024	6893	SEOA9117
6654	SEOA8789	6714	SEOA8873	6774	SEOA8955	6834	SEOA9025	6894	SEOA9118
6655	SEOA8790	6715	SEOA8874	6775	SEOA8956	6835	SEOA9026	6895	SEOA9119
6656	SEOA8791	6716	SEOA8876	6776	SEOA8957	6836	SEOA9027	6896	SEOA9120
6657	SEOA8792	6717	SEOA8877	6777	SEOA8958	6837	seo9028n	6897	SEOA9121
6658	SEOA8794	6718	SEOA8878	6778	SEOA8959	6838	SEOA9029	6898	SEOA9122
6659	SEOA8795	6719	SEOA8879	6779	SEOA8960	6839	SEOA9030	6899	SEOA9123
6660	SEOA8796	6720	SEOA8880	6780	SEOA8961	6840	SEOA9031	6900	SEOA9124

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6901	SEOA9125	6961	SEOA9194	7021	SEOA9269	7081	SEOA9356	7141	SEOA9432
6902	seo9127	6962	SEOA9195	7022	SEOA9270	7082	SEOA9357	7142	SEOA9433
6903	SEOA9128	6963	SEOA9196	7023	SEOA9272	7083	SEOA9359	7143	SEOA9435
6904	SEOA9129	6964	SEOA9197	7024	SEOA9273	7084	SEOA9360	7144	SEOA9438
6905	SEOA9130	6965	SEOA9199	7025	SEOA9281	7085	SEOA9361	7145	SEOA9441
6906	SEOA9131	6966	SEOA9200	7026	SEOA9282	7086	SEOA9363	7146	SEOA9442
6907	SEOA9132	6967	SEOA9201	7027	SEOA9283	7087	SEOA9364	7147	SEOA9443
6908	SEOA9133	6968	SEOA9202	7028	SEOA9284	7088	SEOA9365	7148	SEOA9444
6909	SEOA9134	6969	SEOA9203	7029	SEOA9286	7089	SEOA9366	7149	SEOA9445
6910	SEOA9135	6970	SEOA9204	7030	SEOA9287	7090	SEOA9367	7150	SEOA9449
6911	SEOA9136	6971	SEOA9205	7031	SEOA9288	7091	SEOA9368	7151	SEOA9451
6912	SEOA9137	6972	SEOA9207	7032	SEOA9289	7092	SEOA9370	7152	seo9452
6913	SEOA9138	6973	SEOA9208	7033	SEOA9291	7093	SEOA9371	7153	SEOA9453
6914	SEOA9139	6974	SEOA9209	7034	SEOA9294	7094	SEOA9372	7154	SEOA9454
6915	SEOA9140	6975	SEOA9210	7035	SEOA9295	7095	SEOA9373	7155	SEOA9455
6916	SEOA9142	6976	SEOA9211	7036	SEOA9296	7096	SEOA9374	7156	SEOA9457
6917	SEOA9143	6977	SEOA9212	7037	SEOA9297	7097	SEOA9376	7157	SEOA9458
6918	SEOA9145	6978	SEOA9213	7038	SEOA9302	7098	SEOA9377	7158	SEOA9459
6919	SEOA9146	6979	SEOA9214	7039	SEOA9303	7099	SEOA9378	7159	SEOA9460
6920	SEOA9147	6980	SEOA9215	7040	SEOA9304	7100	SEOA9379	7160	SEOA9461
6921	SEOA9148	6981	SEOA9216	7041	SEOA9307	7101	SEOA9381	7161	SEOA9462
6922	SEOA9149	6982	SEOA9217	7042	SEOA9308	7102	SEOA9383	7162	SEOA9464
6923	SEOA9150	6983	SEOA9218	7043	SEOA9311	7103	SEOA9385	7163	SEOA9465
6924	SEOA9151	6984	SEOA9219	7044	SEOA9312	7104	SEOA9387	7164	SEOA9467
6925	SEOA9152	6985	SEOA9220	7045	SEOA9313	7105	SEOA9388	7165	SEOA9469
6926	SEOA9153	6986	SEOA9221	7046	SEOA9315	7106	SEOA9389	7166	SEOA9470
6927	SEOA9154	6987	SEOA9223	7047	SEOA9316	7107	SEOA9390	7167	SEOA9471
6928	SEOA9155	6988	SEOA9224	7048	SEOA9317	7108	SEOA9391	7168	SEOA9473
6929	SEOA9156	6989	SEOA9225	7049	SEOA9319	7109	SEOA9392	7169	seo9474n
6930	SEOA9157	6990	SEOA9226	7050	SEOA9320	7110	SEOA9393	7170	SEOA9476
6931	SEOA9158	6991	SEOA9228	7051	SEOA9321	7111	SEOA9395	7171	SEOA9477
6932	SEOA9159	6992	SEOA9229	7052	SEOA9322	7112	SEOA9397	7172	SEOA9478
6933	SEOA9160	6993	SEOA9230	7053	SEOA9323	7113	seo9398	7173	SEOA9479
6934	SEOA9161	6994	seo9232n	7054	SEOA9324	7114	SEOA9399	7174	SEOA9480
6935	SEOA9162	6995	SEOA9233	7055	SEOA9325	7115	SEOA9400	7175	SEOA9482
6936	SEOA9163	6996	SEOA9234	7056	SEOA9326	7116	SEOA9401	7176	SEOA9483
6937	seo9164n	6997	SEOA9235	7057	SEOA9327	7117	SEOA9403	7177	SEOA9484
6938	SEOA9165	6998	SEOA9236	7058	SEOA9328	7118	SEOA9404	7178	SEOA9485
6939	SEOA9167	6999	SEOA9237	7059	SEOA9331	7119	SEOA9405	7179	SEOA9486
6940	SEOA9168	7000	SEOA9240	7060	SEOA9332	7120	SEOA9406	7180	SEOA9487
6941	SEOA9169	7001	SEOA9241	7061	SEOA9333	7121	SEOA9407	7181	SEOA9488
6942	SEOA9170	7002	SEOA9242	7062	SEOA9334	7122	SEOA9408	7182	SEOA9491
6943	SEOA9171	7003	seo9243n	7063	SEOA9335	7123	SEOA9409	7183	SEOA9492
6944	SEOA9172	7004	SEOA9245	7064	SEOA9336	7124	SEOA9414	7184	SEOA9493
6945	seo9173	7005	SEOA9246	7065	SEOA9337	7125	seo9415n	7185	SEOA9494
6946	SEOA9174	7006	SEOA9247	7066	SEOA9338	7126	SEOA9416	7186	SEOA9495
6947	SEOA9175	7007	SEOA9248	7067	SEOA9339	7127	SEOA9417	7187	SEOA9499
6948	SEOA9176	7008	SEOA9249	7068	SEOA9340	7128	SEOA9418	7188	SEOA9500
6949	SEOA9181	7009	SEOA9250	7069	SEOA9341	7129	SEOA9419	7189	SEOA9501
6950	SEOA9182	7010	SEOA9251	7070	SEOA9342	7130	SEOA9420	7190	SEOA9502
6951	SEOA9183	7011	SEOA9252	7071	SEOA9343	7131	SEOA9421	7191	SEOA9503
6952	SEOA9184	7012	SEOA9253	7072	SEOA9344	7132	SEOA9422	7192	SEOA9504
6953	SEOA9185	7013	SEOA9254	7073	SEOA9345	7133	SEOA9423	7193	SEOA9505
6954	SEOA9186	7014	SEOA9256	7074	SEOA9346	7134	SEOA9424	7194	SEOA9507
6955	SEOA9187	7015	SEOA9257	7075	SEOA9348	7135	SEOA9425	7195	SEOA9508
6956	SEOA9188	7016	SEOA9258	7076	SEOA9349	7136	SEOA9427	7196	SEOA9509
6957	SEOA9190	7017	SEOA9262	7077	SEOA9350	7137	SEOA9428	7197	SEOA9510
6958	SEOA9191	7018	SEOA9265	7078	SEOA9351	7138	SEOA9429	7198	SEOA9511
6959	SEOA9192	7019	SEOA9267	7079	SEOA9353	7139	SEOA9430	7199	SEOA9512
6960	SEOA9193	7020	SEOA9268	7080	SEOA9355	7140	SEOA9431	7200	SEOA9513

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7201	SEOA9515	7261	SEOA9592	7321	SEOA9665	7381	SEOA9740	7441	SEOA9813
7202	SEOA9516	7262	SEOA9593	7322	SEOA9666	7382	SEOA9742	7442	SEOA9814
7203	SEOA9517	7263	SEOA9595	7323	SEOA9667	7383	SEOA9743	7443	SEOA9817
7204	SEOA9518	7264	SEOA9598	7324	SEOA9668	7384	SEOA9744	7444	SEOA9818
7205	SEOA9519	7265	SEOA9599	7325	SEOA9670	7385	SEOA9747	7445	SEOA9819
7206	SEOA9522	7266	SEOA9601	7326	SEOA9671	7386	SEOA9748	7446	SEOA9820
7207	SEOA9523	7267	SEOA9603	7327	SEOA9672	7387	SEOA9750	7447	SEOA9821
7208	SEOA9524	7268	SEOA9605	7328	SEOA9673	7388	SEOA9751	7448	SEOA9822
7209	SEOA9525	7269	SEOA9606	7329	SEOA9674	7389	SEOA9752	7449	SEOA9823
7210	SEOA9526	7270	SEOA9609	7330	SEOA9675	7390	SEOA9753	7450	SEOA9824
7211	SEOA9528	7271	SEOA9610	7331	SEOA9676	7391	SEOA9754	7451	SEOA9825
7212	SEOA9529	7272	SEOA9611	7332	SEOA9678	7392	SEOA9755	7452	SEOA9826
7213	SEOA9532	7273	SEOA9612	7333	SEOA9679	7393	SEOA9756	7453	SEOA9827
7214	SEOA9534	7274	SEOA9613	7334	SEOA9680	7394	SEOA9757	7454	SEOA9828
7215	SEOA9535	7275	SEOA9614	7335	SEOA9682	7395	SEOA9758	7455	SEOA9829
7216	SEOA9537	7276	SEOA9615	7336	SEOA9683	7396	SEOA9759	7456	seo9830n
7217	SEOA9538	7277	SEOA9616	7337	SEOA9684	7397	SEOA9760	7457	SEOA9831
7218	SEOA9539	7278	SEOA9617	7338	SEOA9688	7398	SEOA9761	7458	SEOA9832
7219	SEOA9541	7279	SEOA9618	7339	SEOA9689	7399	SEOA9762	7459	SEOA9833
7220	SEOA9545	7280	SEOA9619	7340	SEOA9690	7400	SEOA9764	7460	SEOA9834
7221	SEOA9546	7281	SEOA9620	7341	SEOA9691	7401	SEOA9765	7461	SEOA9835
7222	SEOA9547	7282	seo9621n	7342	SEOA9692	7402	SEOA9766	7462	SEOA9836
7223	SEOA9548	7283	SEOA9623	7343	SEOA9693	7403	SEOA9767	7463	SEOA9837
7224	SEOA9549	7284	SEOA9624	7344	SEOA9694	7404	SEOA9768	7464	SEOA9838
7225	SEOA9552	7285	SEOA9625	7345	SEOA9695	7405	SEOA9769	7465	SEOA9839
7226	SEOA9553	7286	SEOA9626	7346	SEOA9696	7406	SEOA9770	7466	SEOA9840
7227	SEOA9554	7287	SEOA9627	7347	SEOA9697	7407	SEOA9771	7467	SEOA9841
7228	SEOA9555	7288	SEOA9628	7348	SEOA9699	7408	SEOA9772	7468	SEOA9843
7229	SEOA9556	7289	SEOA9629	7349	SEOA9700	7409	SEOA9773	7469	SEOA9844
7230	SEOA9557	7290	SEOA9630	7350	SEOA9701	7410	SEOA9775	7470	SEOA9847
7231	SEOA9558	7291	SEOA9631	7351	SEOA9702	7411	SEOA9777	7471	SEOA9848
7232	SEOA9559	7292	SEOA9632	7352	SEOA9703	7412	SEOA9778	7472	SEOA9849
7233	SEOA9560	7293	SEOA9633	7353	SEOA9704	7413	SEOA9779	7473	SEOA9850
7234	SEOA9561	7294	SEOA9634	7354	SEOA9705	7414	SEOA9780	7474	SEOA9851
7235	SEOA9562	7295	SEOA9635	7355	SEOA9706	7415	SEOA9781	7475	SEOA9852
7236	SEOA9563	7296	SEOA9636	7356	SEOA9707	7416	SEOA9783	7476	SEOA9853
7237	SEOA9565	7297	SEOA9637	7357	SEOA9709	7417	SEOA9784	7477	SEOA9854
7238	SEOA9566	7298	SEOA9638	7358	SEOA9710	7418	SEOA9785	7478	SEOA9855
7239	SEOA9567	7299	SEOA9639	7359	SEOA9711	7419	SEOA9788	7479	SEOA9856
7240	SEOA9568	7300	SEOA9640	7360	SEOA9712	7420	SEOA9789	7480	SEOA9858
7241	SEOA9570	7301	SEOA9642	7361	seo9715n	7421	SEOA9790	7481	SEOA9861
7242	SEOA9571	7302	SEOA9643	7362	SEOA9716	7422	SEOA9791	7482	SEOA9862
7243	SEOA9572	7303	SEOA9644	7363	SEOA9718	7423	SEOA9792	7483	SEOA9864
7244	SEOA9573	7304	SEOA9645	7364	SEOA9719	7424	SEOA9793	7484	SEOA9867
7245	SEOA9574	7305	SEOA9647	7365	SEOA9720	7425	SEOA9794	7485	SEOA9868
7246	SEOA9575	7306	SEOA9649	7366	SEOA9722	7426	SEOA9795	7486	SEOA9869
7247	SEOA9576	7307	SEOA9650	7367	SEOA9723	7427	SEOA9796	7487	SEOA9870
7248	SEOA9577	7308	SEOA9651	7368	SEOA9724	7428	SEOA9797	7488	SEOA9871
7249	SEOA9578	7309	SEOA9652	7369	SEOA9725	7429	SEOA9798	7489	SEOA9872
7250	SEOA9580	7310	SEOA9653	7370	SEOA9726	7430	SEOA9799	7490	SEOA9873
7251	SEOA9581	7311	SEOA9654	7371	SEOA9728	7431	SEOA9800	7491	SEOA9874
7252	SEOA9582	7312	SEOA9655	7372	SEOA9729	7432	SEOA9801	7492	SEOA9875
7253	SEOA9583	7313	SEOA9656	7373	SEOA9731	7433	SEOA9802	7493	SEOA9876
7254	SEOA9584	7314	SEOA9657	7374	SEOA9732	7434	SEOA9803	7494	SEOA9877
7255	SEOA9585	7315	SEOA9658	7375	SEOA9733	7435	SEOA9804	7495	SEOA9878
7256	SEOA9586	7316	SEOA9659	7376	SEOA9734	7436	SEOA9805	7496	SEOA9879
7257	SEOA9587	7317	SEOA9660	7377	SEOA9735	7437	SEOA9809	7497	SEOA9880
7258	SEOA9589	7318	SEOA9661	7378	SEOA9736	7438	SEOA9810	7498	SEOA9881
7259	SEOA9590	7319	seo9663n	7379	SEOA9738	7439	SEOA9811	7499	SEOA9882
7260	SEOA9591	7320	SEOA9664	7380	SEOA9739	7440	SEOA9812	7500	SEOA9883

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7501	SEOA9884	7561	SEOA9955	7621	SEOB0042	7681	SEOB0112	7741	SEOB0185
7502	SEOA9885	7562	SEOA9956	7622	SEOB0043	7682	SEOB0113	7742	SEOB0186
7503	SEOA9886	7563	SEOA9957	7623	SEOB0044	7683	SEOB0114	7743	SEOB0187
7504	SEOA9887	7564	SEOA9958	7624	SEOB0045	7684	SEOB0115	7744	SEOB0188
7505	SEOA9888	7565	SEOA9959	7625	SEOB0046	7685	SEOB0116	7745	SEOB0189
7506	SEOA9889	7566	SEOA9977	7626	SEOB0047	7686	SEOB0117	7746	SEOB0190
7507	SEOA9890	7567	SEOA9978	7627	SEOB0049	7687	SEOB0118	7747	SEOB0191
7508	SEOA9891	7568	SEOA9980	7628	SEOB0050	7688	SEOB0119	7748	SEOB0192
7509	SEOA9892	7569	SEOA9981	7629	seob0051n	7689	SEOB0121	7749	SEOB0193
7510	SEOA9893	7570	SEOA9982	7630	SEOB0052	7690	SEOB0122	7750	SEOB0194
7511	SEOA9895	7571	SEOA9983	7631	SEOB0055	7691	SEOB0123	7751	SEOB0195
7512	SEOA9896	7572	SEOA9984	7632	SEOB0056	7692	SEOB0124	7752	SEOB0196
7513	SEOA9897	7573	SEOA9985	7633	SEOB0057	7693	SEOB0125	7753	SEOB0198
7514	SEOA9898	7574	SEOA9986	7634	SEOB0058	7694	SEOB0126	7754	SEOB0200
7515	SEOA9900	7575	SEOA9987	7635	SEOB0059	7695	SEOB0127	7755	SEOB0201
7516	SEOA9901	7576	SEOA9988	7636	SEOB0060	7696	SEOB0128	7756	SEOB0202
7517	SEOA9902	7577	SEOA9989	7637	SEOB0061	7697	SEOB0129	7757	SEOB0203
7518	SEOA9905	7578	SEOA9990	7638	SEOB0062	7698	SEOB0130	7758	SEOB0204
7519	SEOA9907	7579	SEOA9991	7639	SEOB0063	7699	SEOB0132	7759	SEOB0205
7520	SEOA9908	7580	SEOA9992	7640	SEOB0065	7700	SEOB0133	7760	SEOB0206
7521	SEOA9909	7581	SEOA9993	7641	SEOB0066	7701	SEOB0136	7761	SEOB0207
7522	SEOA9910	7582	SEOA9995	7642	SEOB0067	7702	SEOB0137	7762	seob0208n
7523	SEOA9912	7583	SEOA9997	7643	SEOB0068	7703	SEOB0138	7763	SEOB0209
7524	SEOA9913	7584	SEOA9998	7644	SEOB0069	7704	SEOB0139	7764	SEOB0210
7525	SEOA9914	7585	SEOB0001	7645	SEOB0070	7705	SEOB0140	7765	SEOB0211
7526	SEOA9915	7586	SEOB0002	7646	SEOB0071	7706	SEOB0141	7766	SEOB0212
7527	SEOA9916	7587	SEOB0003	7647	seob0073	7707	SEOB0143	7767	SEOB0213
7528	SEOA9917	7588	SEOB0004	7648	SEOB0075	7708	SEOB0144	7768	SEOB0214
7529	SEOA9918	7589	SEOB0005	7649	SEOB0076	7709	SEOB0147	7769	seob0215n
7530	SEOA9919	7590	SEOB0006	7650	SEOB0077	7710	SEOB0149	7770	SEOB0216
7531	SEOA9920	7591	SEOB0007	7651	SEOB0079	7711	SEOB0150	7771	SEOB0218
7532	SEOA9921	7592	SEOB0008	7652	SEOB0080	7712	SEOB0151	7772	SEOB0219
7533	SEOA9922	7593	SEOB0009	7653	SEOB0081	7713	SEOB0152	7773	SEOB0220
7534	SEOA9923	7594	SEOB0010	7654	SEOB0082	7714	SEOB0153	7774	SEOB0221
7535	SEOA9924	7595	SEOB0011	7655	SEOB0084	7715	SEOB0154	7775	SEOB0222
7536	SEOA9925	7596	SEOB0012	7656	SEOB0085	7716	SEOB0155	7776	SEOB0223
7537	SEOA9926	7597	SEOB0013	7657	SEOB0086	7717	SEOB0156	7777	SEOB0224
7538	SEOA9927	7598	SEOB0014	7658	SEOB0087	7718	SEOB0157	7778	SEOB0225
7539	SEOA9928	7599	SEOB0015	7659	SEOB0088	7719	SEOB0158	7779	SEOB0226
7540	SEOA9929	7600	SEOB0016	7660	SEOB0089	7720	SEOB0159	7780	SEOB0227
7541	SEOA9930	7601	SEOB0017	7661	SEOB0090	7721	SEOB0160	7781	SEOB0228
7542	SEOA9931	7602	SEOB0018	7662	SEOB0092	7722	SEOB0161	7782	SEOB0229
7543	SEOA9932	7603	SEOB0019	7663	SEOB0093	7723	SEOB0162	7783	SEOB0230
7544	SEOA9933	7604	SEOB0020	7664	SEOB0094	7724	SEOB0163	7784	SEOB0231
7545	SEOA9934	7605	seob0022n	7665	SEOB0095	7725	SEOB0164	7785	SEOB0232
7546	SEOA9935	7606	SEOB0023	7666	SEOB0096	7726	SEOB0165	7786	SEOB0233
7547	SEOA9936	7607	SEOB0025	7667	SEOB0097	7727	SEOB0166	7787	SEOB0234
7548	SEOA9937	7608	SEOB0026	7668	SEOB0098	7728	SEOB0167	7788	SEOB0235
7549	SEOA9938	7609	SEOB0027	7669	SEOB0099	7729	SEOB0168	7789	SEOB0236
7550	SEOA9940	7610	SEOB0029	7670	SEOB0100	7730	SEOB0169	7790	SEOB0237
7551	SEOA9941	7611	SEOB0030	7671	SEOB0101	7731	SEOB0171	7791	SEOB0238
7552	SEOA9943	7612	SEOB0031	7672	SEOB0102	7732	SEOB0173	7792	SEOB0239
7553	SEOA9944	7613	SEOB0033	7673	SEOB0103	7733	SEOB0174	7793	SEOB0240
7554	SEOA9945	7614	SEOB0034	7674	SEOB0105	7734	SEOB0175	7794	SEOB0241
7555	SEOA9946	7615	SEOB0035	7675	SEOB0106	7735	SEOB0176	7795	SEOB0242
7556	SEOA9947	7616	SEOB0036	7676	SEOB0107	7736	seob0177	7796	SEOB0243
7557	SEOA9948	7617	SEOB0037	7677	SEOB0108	7737	SEOB0178	7797	SEOB0247
7558	SEOA9949	7618	SEOB0038	7678	SEOB0109	7738	SEOB0180	7798	SEOB0248
7559	SEOA9950	7619	SEOB0039	7679	SEOB0110	7739	SEOB0182	7799	SEOB0249
7560	SEOA9951	7620	SEOB0041	7680	SEOB0111	7740	SEOB0184	7800	SEOB0250

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7801	SEOB0251	7861	SEOB0320	7921	SEOB0396	7981	SEOB0478	8041	SEOB0559
7802	SEOB0253	7862	SEOB0321	7922	SEOB0398	7982	SEOB0482	8042	SEOB0561
7803	SEOB0254	7863	SEOB0322	7923	SEOB0399	7983	SEOB0483	8043	SEOB0562
7804	SEOB0255	7864	SEOB0323	7924	SEOB0400	7984	SEOB0484	8044	SEOB0563
7805	SEOB0256	7865	SEOB0324	7925	SEOB0402	7985	SEOB0485	8045	SEOB0564
7806	SEOB0257	7866	SEOB0325	7926	SEOB0403	7986	SEOB0486	8046	SEOB0565
7807	SEOB0258	7867	SEOB0326	7927	SEOB0404	7987	SEOB0487	8047	SEOB0566
7808	SEOB0259	7868	SEOB0328	7928	SEOB0405	7988	SEOB0490	8048	SEOB0568
7809	SEOB0260	7869	SEOB0329	7929	SEOB0406	7989	SEOB0491	8049	SEOB0569
7810	SEOB0261	7870	SEOB0330	7930	SEOB0407	7990	SEOB0496	8050	SEOB0570
7811	SEOB0262	7871	seob0331n	7931	SEOB0408	7991	SEOB0497	8051	SEOB0571
7812	SEOB0263	7872	SEOB0334	7932	SEOB0409	7992	SEOB0499	8052	SEOB0572
7813	SEOB0264	7873	SEOB0335	7933	SEOB0410	7993	SEOB0501	8053	SEOB0574
7814	SEOB0265	7874	SEOB0336	7934	SEOB0411	7994	SEOB0502	8054	SEOB0575
7815	SEOB0266	7875	SEOB0338	7935	SEOB0412	7995	SEOB0504	8055	SEOB0577
7816	SEOB0267	7876	SEOB0339	7936	SEOB0413	7996	SEOB0506	8056	SEOB0578
7817	SEOB0268	7877	SEOB0340	7937	SEOB0414	7997	SEOB0507	8057	SEOB0579
7818	SEOB0269	7878	SEOB0342	7938	SEOB0415	7998	SEOB0508	8058	SEOB0584
7819	SEOB0270	7879	SEOB0343	7939	SEOB0417	7999	SEOB0509	8059	SEOB0585
7820	SEOB0271	7880	SEOB0344	7940	SEOB0418	8000	SEOB0510	8060	SEOB0586
7821	SEOB0272	7881	SEOB0345	7941	SEOB0419	8001	SEOB0511	8061	SEOB0587
7822	SEOB0273	7882	SEOB0346	7942	SEOB0420	8002	SEOB0512	8062	SEOB0590
7823	SEOB0274	7883	SEOB0347	7943	SEOB0421	8003	SEOB0513	8063	SEOB0592
7824	SEOB0275	7884	SEOB0349	7944	SEOB0422	8004	SEOB0514	8064	SEOB0593
7825	SEOB0277	7885	SEOB0350	7945	SEOB0423	8005	SEOB0516	8065	SEOB0595
7826	SEOB0278	7886	SEOB0351	7946	SEOB0424	8006	SEOB0517	8066	SEOB0596
7827	SEOB0279	7887	SEOB0352	7947	SEOB0425	8007	SEOB0519	8067	SEOB0598
7828	SEOB0281	7888	SEOB0353	7948	SEOB0426	8008	SEOB0520	8068	SEOB0599
7829	SEOB0282	7889	SEOB0355	7949	SEOB0429	8009	SEOB0521	8069	SEOB0600
7830	SEOB0283	7890	SEOB0357	7950	SEOB0431	8010	SEOB0522	8070	SEOB0601
7831	SEOB0284	7891	SEOB0360	7951	SEOB0433	8011	SEOB0523	8071	SEOB0604
7832	SEOB0285	7892	SEOB0361	7952	SEOB0434	8012	SEOB0524	8072	SEOB0605
7833	SEOB0286	7893	SEOB0362	7953	SEOB0435	8013	SEOB0526	8073	SEOB0606
7834	SEOB0287	7894	SEOB0363	7954	SEOB0437	8014	SEOB0527	8074	SEOB0607
7835	SEOB0288	7895	SEOB0364	7955	SEOB0438	8015	SEOB0528	8075	SEOB0608
7836	SEOB0289	7896	SEOB0365	7956	SEOB0439	8016	SEOB0529	8076	SEOB0609
7837	seob0290n	7897	SEOB0367	7957	SEOB0440	8017	SEOB0530	8077	SEOB0610
7838	SEOB0291	7898	SEOB0368	7958	SEOB0441	8018	SEOB0531	8078	SEOB0611
7839	SEOB0293	7899	SEOB0369	7959	SEOB0442	8019	SEOB0532	8079	SEOB0612
7840	SEOB0294	7900	SEOB0370	7960	SEOB0446	8020	SEOB0533	8080	SEOB0615
7841	SEOB0295	7901	SEOB0371	7961	SEOB0447	8021	SEOB0534	8081	SEOB0617
7842	SEOB0296	7902	SEOB0372	7962	SEOB0449	8022	SEOB0535	8082	SEOB0618
7843	SEOB0298	7903	SEOB0373	7963	SEOB0450	8023	SEOB0536	8083	SEOB0621
7844	SEOB0299	7904	SEOB0374	7964	SEOB0452	8024	SEOB0537	8084	SEOB0622
7845	SEOB0300	7905	SEOB0375	7965	SEOB0453	8025	SEOB0538	8085	SEOB0623
7846	SEOB0301	7906	SEOB0376	7966	SEOB0456	8026	SEOB0539	8086	SEOB0624
7847	SEOB0302	7907	SEOB0378	7967	SEOB0458	8027	SEOB0540	8087	SEOB0625
7848	SEOB0303	7908	SEOB0379	7968	SEOB0459	8028	SEOB0541	8088	SEOB0627a
7849	SEOB0304	7909	SEOB0380	7969	SEOB0461	8029	SEOB0543	8089	SEOB0628a
7850	SEOB0307	7910	SEOB0381	7970	SEOB0462	8030	SEOB0546	8090	SEOB0629a
7851	SEOB0308	7911	SEOB0382	7971	SEOB0464	8031	SEOB0547	8091	SEOB0630a
7852	SEOB0309	7912	SEOB0385	7972	SEOB0465	8032	SEOB0548	8092	SEOB0631a
7853	SEOB0310	7913	SEOB0386	7973	SEOB0466	8033	SEOB0549	8093	SEOB0632a
7854	SEOB0312	7914	SEOB0387	7974	SEOB0467	8034	SEOB0550	8094	SEOB0633a
7855	SEOB0313	7915	SEOB0389	7975	SEOB0469	8035	SEOB0551	8095	SEOB0636a
7856	SEOB0314	7916	SEOB0390	7976	SEOB0471	8036	SEOB0553	8096	SEOB0637a
7857	SEOB0315	7917	SEOB0392	7977	SEOB0474	8037	SEOB0554	8097	SEOB0639a
7858	SEOB0317	7918	SEOB0393	7978	SEOB0475	8038	SEOB0555	8098	SEOB0641a
7859	SEOB0318	7919	SEOB0394	7979	SEOB0476	8039	SEOB0556	8099	SEOB0643a
7860	SEOB0319	7920	SEOB0395	7980	SEOB0477	8040	SEOB0558	8100	SEOB0646a

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8101	SEOB0648a	8161	SEOB0716a	8221	SEOB0797	8281	SEOB0875a	8341	SEOB0959
8102	SEOB0649a	8162	SEOB0717a	8222	SEOB0803	8282	SEOB0876a	8342	SEOB0962
8103	SEOB0650a	8163	SEOB0721a	8223	SEOB0804	8283	SEOB0878a	8343	seob0963n
8104	SEOB0651a	8164	SEOB0723	8224	SEOB0808a	8284	SEOB0879a	8344	SEOB0964
8105	seob0652an	8165	SEOB0725	8225	SEOB0809	8285	SEOB0880a	8345	SEOB0965
8106	SEOB0654a	8166	SEOB0726	8226	SEOB0810	8286	SEOB0882a	8346	SEOB0967
8107	SEOB0655a	8167	SEOB0727	8227	seob0811n	8287	SEOB0883a	8347	SEOB0968
8108	SEOB0656a	8168	SEOB0728	8228	SEOB0812	8288	SEOB0884a	8348	SEOB0970
8109	SEOB0657a	8169	SEOB0729	8229	SEOB0813	8289	SEOB0885a	8349	SEOB0971
8110	SEOB0658a	8170	SEOB0731	8230	SEOB0814	8290	SEOB0886a	8350	SEOB0972
8111	SEOB0659a	8171	SEOB0732	8231	SEOB0815	8291	SEOB0888a	8351	SEOB0973
8112	SEOB0660a	8172	SEOB0733	8232	seob0816n	8292	SEOB0889a	8352	SEOB0974
8113	SEOB0662a	8173	SEOB0735	8233	SEOB0817	8293	SEOB0891a	8353	SEOB0975
8114	SEOB0663a	8174	SEOB0736	8234	SEOB0818a	8294	SEOB0892a	8354	SEOB0976
8115	SEOB0664a	8175	SEOB0737	8235	SEOB0819a	8295	SEOB0893a	8355	SEOB0977
8116	SEOB0665a	8176	SEOB0739	8236	SEOB0820a	8296	SEOB0894a	8356	SEOB0978
8117	SEOB0667a	8177	SEOB0742	8237	SEOB0821a	8297	SEOB0895a	8357	SEOB0980
8118	SEOB0668a	8178	SEOB0743	8238	SEOB0823a	8298	SEOB0896a	8358	SEOB0983
8119	seob0669a	8179	SEOB0745	8239	SEOB0824a	8299	SEOB0897a	8359	SEOB0984
8120	SEOB0670a	8180	SEOB0746	8240	SEOB0825a	8300	SEOB0899a	8360	SEOB0985
8121	SEOB0671a	8181	seob0747n	8241	SEOB0826a	8301	SEOB0900a	8361	SEOB0987
8122	SEOB0672a	8182	SEOB0748	8242	SEOB0827a	8302	SEOB0901a	8362	SEOB0989
8123	SEOB0673a	8183	SEOB0749	8243	SEOB0829a	8303	SEOB0902a	8363	SEOB0990
8124	SEOB0674a	8184	SEOB0750	8244	SEOB0830a	8304	SEOB0903a	8364	SEOB0991
8125	SEOB0675a	8185	SEOB0751	8245	SEOB0831a	8305	SEOB0904a	8365	SEOB0992
8126	SEOB0676a	8186	SEOB0752	8246	SEOB0832a	8306	SEOB0905a	8366	SEOB0993
8127	SEOB0678a	8187	SEOB0753	8247	SEOB0833a	8307	SEOB0906a	8367	SEOB0995
8128	seob0679a	8188	SEOB0754	8248	SEOB0834a	8308	SEOB0907a	8368	SEOB0999
8129	SEOB0680a	8189	SEOB0755	8249	SEOB0835a	8309	SEOB0908a	8369	SEOB1000
8130	SEOB0681a	8190	SEOB0756	8250	SEOB0836a	8310	SEOB0910a	8370	SEOB1001
8131	SEOB0682a	8191	SEOB0757	8251	SEOB0837a	8311	SEOB0911a	8371	SEOB1004
8132	SEOB0684a	8192	SEOB0758	8252	SEOB0840a	8312	SEOB0912a	8372	SEOB1007
8133	SEOB0685a	8193	SEOB0759	8253	SEOB0841a	8313	SEOB0914	8373	SEOB1008
8134	SEOB0688a	8194	SEOB0760	8254	SEOB0842a	8314	SEOB0915	8374	SEOB1009
8135	SEOB0689a	8195	SEOB0761	8255	SEOB0843a	8315	SEOB0916	8375	SEOB1010
8136	SEOB0690a	8196	SEOB0763	8256	SEOB0844a	8316	SEOB0917	8376	seob1011n
8137	SEOB0691a	8197	SEOB0764	8257	SEOB0845a	8317	SEOB0918	8377	SEOB1012
8138	SEOB0692a	8198	SEOB0765	8258	SEOB0846a	8318	SEOB0919	8378	SEOB1013
8139	SEOB0693a	8199	SEOB0767	8259	SEOB0847a	8319	SEOB0921	8379	SEOB1014
8140	SEOB0694a	8200	SEOB0768	8260	SEOB0848a	8320	SEOB0922	8380	SEOB1015
8141	SEOB0695a	8201	SEOB0770	8261	SEOB0849a	8321	SEOB0923	8381	SEOB1016
8142	seob0696an	8202	SEOB0771	8262	SEOB0850a	8322	SEOB0924	8382	SEOB1017
8143	SEOB0697a	8203	SEOB0772	8263	SEOB0851a	8323	SEOB0925	8383	SEOB1019
8144	SEOB0698a	8204	SEOB0773	8264	SEOB0852a	8324	SEOB0926	8384	SEOB1020
8145	SEOB0699a	8205	SEOB0774a	8265	SEOB0853a	8325	SEOB0927	8385	SEOB1021
8146	SEOB0700a	8206	SEOB0776a	8266	SEOB0855a	8326	SEOB0928	8386	SEOB1022
8147	SEOB0701a	8207	SEOB0777a	8267	SEOB0856a	8327	SEOB0933	8387	SEOB1023
8148	SEOB0702a	8208	SEOB0778a	8268	SEOB0857a	8328	SEOB0937	8388	SEOB1024
8149	SEOB0703a	8209	SEOB0779a	8269	SEOB0858a	8329	SEOB0938	8389	SEOB1025
8150	SEOB0704a	8210	SEOB0782a	8270	SEOB0859a	8330	SEOB0939	8390	SEOB1026
8151	SEOB0705a	8211	SEOB0783a	8271	SEOB0864a	8331	SEOB0941	8391	seob1027n
8152	SEOB0706a	8212	SEOB0786a	8272	SEOB0865a	8332	SEOB0943	8392	SEOB1028
8153	SEOB0707a	8213	SEOB0787a	8273	SEOB0866a	8333	SEOB0944	8393	SEOB1029
8154	SEOB0708a	8214	SEOB0788a	8274	SEOB0867a	8334	SEOB0945	8394	SEOB1030
8155	SEOB0709a	8215	SEOB0789	8275	SEOB0868a	8335	SEOB0949	8395	SEOB1031
8156	SEOB0710a	8216	seob0790	8276	SEOB0869a	8336	SEOB0950	8396	SEOB1032
8157	SEOB0712a	8217	SEOB0791	8277	SEOB0870a	8337	SEOB0952	8397	SEOB1033
8158	SEOB0713a	8218	SEOB0794	8278	SEOB0871a	8338	SEOB0953	8398	SEOB1034
8159	SEOB0714a	8219	SEOB0795	8279	SEOB0872a	8339	SEOB0954	8399	seob1036
8160	SEOB0715a	8220	SEOB0796	8280	SEOB0874a	8340	SEOB0958	8400	seob1037



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8401	seob1039	8461	SEOB1132	8521	SEOB1199	8581	SEOB1267	8641	SEOB1337
8402	seob1040	8462	SEOB1133	8522	SEOB1200	8582	SEOB1268	8642	SEOB1339
8403	seob1041	8463	SEOB1134	8523	SEOB1201	8583	SEOB1269	8643	SEOB1340
8404	seob1042	8464	SEOB1136	8524	SEOB1202	8584	SEOB1270	8644	SEOB1342
8405	seob1043	8465	SEOB1137	8525	SEOB1203	8585	SEOB1271	8645	SEOB1343
8406	seob1044	8466	SEOB1138	8526	SEOB1205	8586	SEOB1272	8646	SEOB1344
8407	seob1046	8467	seob1139	8527	SEOB1207	8587	SEOB1273	8647	SEOB1345
8408	seob1052	8468	SEOB1140	8528	SEOB1208	8588	SEOB1274	8648	SEOB1346
8409	seob1053	8469	SEOB1141	8529	SEOB1209	8589	SEOB1275	8649	seob1347n
8410	seob1054	8470	SEOB1142	8530	SEOB1211	8590	SEOB1277	8650	SEOB1349
8411	seob1055	8471	SEOB1143	8531	SEOB1212	8591	SEOB1279	8651	SEOB1350
8412	seob1057	8472	SEOB1144	8532	SEOB1213	8592	SEOB1280	8652	SEOB1351
8413	seob1061	8473	SEOB1145	8533	SEOB1214	8593	SEOB1282	8653	SEOB1352
8414	SEOB1064	8474	SEOB1146	8534	SEOB1215	8594	SEOB1283	8654	SEOB1353
8415	SEOB1070	8475	SEOB1147	8535	SEOB1216	8595	SEOB1284	8655	SEOB1354
8416	SEOB1071	8476	SEOB1148	8536	SEOB1218	8596	SEOB1285	8656	SEOB1355
8417	SEOB1072	8477	SEOB1149	8537	SEOB1219	8597	SEOB1286	8657	SEOB1356
8418	SEOB1073	8478	SEOB1150	8538	SEOB1220	8598	SEOB1287	8658	SEOB1357
8419	SEOB1075	8479	SEOB1151	8539	SEOB1221	8599	SEOB1288	8659	SEOB1358
8420	SEOB1076	8480	SEOB1152	8540	SEOB1223	8600	SEOB1289	8660	seob1359n
8421	SEOB1077	8481	SEOB1153	8541	SEOB1224	8601	SEOB1290	8661	SEOB1360
8422	SEOB1078	8482	SEOB1154	8542	SEOB1225	8602	SEOB1291	8662	SEOB1362
8423	SEOB1079	8483	SEOB1155	8543	SEOB1226	8603	SEOB1292	8663	SEOB1363
8424	SEOB1081	8484	SEOB1156	8544	SEOB1227	8604	SEOB1293	8664	SEOB1364
8425	SEOB1083	8485	SEOB1157	8545	SEOB1228	8605	SEOB1294	8665	SEOB1365
8426	SEOB1085	8486	SEOB1158	8546	SEOB1229	8606	SEOB1295	8666	SEOB1366
8427	SEOB1086	8487	SEOB1160	8547	SEOB1230	8607	SEOB1296	8667	SEOB1367
8428	SEOB1088	8488	SEOB1161	8548	SEOB1231	8608	SEOB1297	8668	SEOB1368
8429	SEOB1090	8489	SEOB1162	8549	SEOB1232	8609	SEOB1298	8669	SEOB1370
8430	SEOB1091	8490	SEOB1164	8550	SEOB1233	8610	SEOB1300	8670	SEOB1371
8431	SEOB1093	8491	SEOB1165	8551	SEOB1234	8611	seob1301n	8671	SEOB1372
8432	SEOB1094	8492	SEOB1166	8552	SEOB1236	8612	SEOB1302	8672	seob1373n
8433	SEOB1095	8493	SEOB1167	8553	SEOB1237	8613	SEOB1303	8673	SEOB1374
8434	SEOB1098	8494	SEOB1168	8554	SEOB1238	8614	SEOB1305	8674	seob1378
8435	SEOB1099	8495	SEOB1170	8555	SEOB1240	8615	SEOB1306	8675	SEOB1380
8436	SEOB1100	8496	SEOB1171	8556	SEOB1241	8616	SEOB1307	8676	SEOB1381
8437	SEOB1102	8497	SEOB1172	8557	SEOB1242	8617	SEOB1310	8677	SEOB1382
8438	SEOB1103	8498	SEOB1173	8558	SEOB1243	8618	SEOB1311	8678	SEOB1383
8439	SEOB1107	8499	SEOB1174	8559	SEOB1244	8619	SEOB1312	8679	SEOB1384
8440	SEOB1109	8500	SEOB1175	8560	SEOB1246	8620	SEOB1313	8680	SEOB1385
8441	SEOB1110	8501	SEOB1176	8561	SEOB1247	8621	SEOB1314	8681	SEOB1386
8442	SEOB1111	8502	SEOB1180	8562	SEOB1248	8622	SEOB1315	8682	SEOB1387
8443	SEOB1112	8503	SEOB1181	8563	SEOB1249	8623	SEOB1316	8683	seob1389n
8444	SEOB1113	8504	SEOB1182	8564	SEOB1250	8624	SEOB1318	8684	SEOB1391
8445	SEOB1114	8505	SEOB1183	8565	SEOB1251	8625	SEOB1319	8685	SEOB1392
8446	SEOB1116	8506	SEOB1184	8566	SEOB1252	8626	SEOB1321	8686	SEOB1393
8447	SEOB1117	8507	SEOB1185	8567	SEOB1253	8627	SEOB1322	8687	SEOB1394
8448	SEOB1118	8508	SEOB1186	8568	SEOB1254	8628	SEOB1323	8688	SEOB1395
8449	SEOB1119	8509	SEOB1187	8569	SEOB1255	8629	SEOB1324	8689	SEOB1396
8450	SEOB1120	8510	SEOB1188	8570	SEOB1256	8630	SEOB1325	8690	SEOB1397
8451	SEOB1121	8511	SEOB1189	8571	SEOB1257	8631	SEOB1327	8691	SEOB1398
8452	SEOB1123	8512	SEOB1190	8572	SEOB1258	8632	SEOB1328	8692	SEOB1399
8453	SEOB1124	8513	SEOB1191	8573	SEOB1259	8633	SEOB1329	8693	SEOB1400
8454	SEOB1125	8514	SEOB1192	8574	SEOB1260	8634	SEOB1330	8694	SEOB1401
8455	SEOB1126	8515	SEOB1193	8575	SEOB1261	8635	SEOB1331	8695	SEOB1402
8456	SEOB1127	8516	SEOB1194	8576	SEOB1262	8636	SEOB1332	8696	SEOB1403
8457	seob1128n	8517	SEOB1195	8577	SEOB1263	8637	SEOB1333	8697	SEOB1405
8458	SEOB1129	8518	SEOB1196	8578	SEOB1264	8638	SEOB1334	8698	SEOB1406
8459	SEOB1130	8519	SEOB1197	8579	SEOB1265	8639	SEOB1335	8699	SEOB1407
8460	SEOB1131	8520	SEOB1198	8580	SEOB1266	8640	SEOB1336	8700	SEOB1408



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8701	SEOB1409	8761	SEOB1491	8821	SEOB1565	8881	SEOB1631	8941	SEOB1700
8702	SEOB1410	8762	SEOB1493	8822	SEOB1566	8882	SEOB1632	8942	seob1701n
8703	SEOB1411	8763	SEOB1494	8823	SEOB1567	8883	SEOB1633	8943	SEOB1702
8704	SEOB1412	8764	SEOB1495	8824	SEOB1568	8884	SEOB1634	8944	SEOB1703
8705	SEOB1413	8765	SEOB1496	8825	SEOB1570	8885	SEOB1635	8945	SEOB1704
8706	SEOB1414	8766	SEOB1497	8826	SEOB1571	8886	SEOB1636	8946	SEOB1705
8707	SEOB1416	8767	SEOB1499	8827	SEOB1572	8887	SEOB1637	8947	SEOB1706
8708	SEOB1417	8768	SEOB1500	8828	SEOB1573	8888	SEOB1638	8948	SEOB1707
8709	SEOB1418	8769	SEOB1501	8829	SEOB1574	8889	SEOB1639	8949	SEOB1708
8710	SEOB1419	8770	SEOB1502	8830	SEOB1575	8890	SEOB1640	8950	SEOB1709
8711	SEOB1420	8771	SEOB1503	8831	SEOB1576	8891	SEOB1641	8951	SEOB1710
8712	SEOB1422	8772	SEOB1504	8832	SEOB1577	8892	SEOB1642	8952	SEOB1711
8713	SEOB1423	8773	SEOB1505	8833	SEOB1578	8893	SEOB1643	8953	SEOB1712
8714	SEOB1424	8774	SEOB1506	8834	SEOB1579	8894	SEOB1644	8954	SEOB1714
8715	SEOB1426	8775	SEOB1507	8835	SEOB1581	8895	SEOB1645	8955	SEOB1715
8716	SEOB1428	8776	SEOB1508	8836	SEOB1582	8896	SEOB1646	8956	SEOB1716
8717	SEOB1430	8777	SEOB1510	8837	SEOB1583	8897	SEOB1647	8957	SEOB1717
8718	SEOB1431	8778	SEOB1512	8838	SEOB1584	8898	SEOB1648	8958	SEOB1718
8719	SEOB1432	8779	SEOB1513	8839	SEOB1586	8899	SEOB1649	8959	SEOB1719
8720	SEOB1433	8780	SEOB1514	8840	SEOB1587	8900	SEOB1650	8960	SEOB1720
8721	SEOB1434	8781	SEOB1516	8841	SEOB1588	8901	SEOB1652	8961	SEOB1721
8722	SEOB1435	8782	SEOB1517	8842	SEOB1589	8902	SEOB1653	8962	SEOB1722
8723	SEOB1437	8783	SEOB1518	8843	SEOB1590	8903	SEOB1654	8963	SEOB1723
8724	SEOB1438	8784	SEOB1520	8844	SEOB1591	8904	SEOB1655	8964	SEOB1724
8725	SEOB1439	8785	SEOB1521	8845	SEOB1592	8905	SEOB1656	8965	SEOB1725
8726	SEOB1440	8786	SEOB1522	8846	SEOB1593	8906	seob1657	8966	SEOB1726
8727	SEOB1441	8787	SEOB1523	8847	SEOB1594	8907	SEOB1659	8967	SEOB1727
8728	SEOB1442	8788	SEOB1525	8848	SEOB1595	8908	SEOB1660	8968	SEOB1728
8729	SEOB1443	8789	SEOB1526	8849	SEOB1596	8909	SEOB1661	8969	SEOB1730
8730	SEOB1445	8790	SEOB1527	8850	SEOB1597	8910	SEOB1662	8970	SEOB1731
8731	SEOB1447	8791	SEOB1528	8851	SEOB1598	8911	SEOB1663	8971	SEOB1732
8732	SEOB1448	8792	SEOB1529	8852	SEOB1599	8912	SEOB1664	8972	SEOB1733
8733	SEOB1449	8793	SEOB1530	8853	SEOB1600	8913	SEOB1665	8973	SEOB1734
8734	SEOB1450	8794	SEOB1532	8854	SEOB1602	8914	SEOB1666	8974	SEOB1735
8735	SEOB1451	8795	SEOB1533	8855	SEOB1603	8915	seob1667n	8975	SEOB1736
8736	SEOB1452	8796	SEOB1534	8856	SEOB1604	8916	SEOB1668	8976	SEOB1737
8737	SEOB1453	8797	SEOB1535	8857	SEOB1605	8917	SEOB1669	8977	SEOB1738
8738	SEOB1454	8798	SEOB1536	8858	SEOB1606	8918	SEOB1671	8978	SEOB1739
8739	SEOB1455	8799	SEOB1537	8859	SEOB1608	8919	SEOB1672	8979	SEOB1740
8740	SEOB1456	8800	SEOB1538	8860	SEOB1609	8920	SEOB1673	8980	SEOB1741
8741	SEOB1457	8801	SEOB1540	8861	SEOB1610	8921	SEOB1674	8981	SEOB1742
8742	SEOB1458	8802	SEOB1541	8862	SEOB1611	8922	SEOB1675	8982	SEOB1743
8743	SEOB1459	8803	SEOB1542	8863	SEOB1612	8923	SEOB1676	8983	SEOB1744
8744	SEOB1461	8804	SEOB1543	8864	SEOB1613	8924	SEOB1677	8984	SEOB1745
8745	SEOB1462	8805	SEOB1544	8865	SEOB1614	8925	SEOB1678	8985	SEOB1746
8746	SEOB1463	8806	SEOB1546	8866	SEOB1615	8926	seob1679n	8986	SEOB1748
8747	SEOB1464	8807	SEOB1547	8867	SEOB1616	8927	SEOB1680	8987	SEOB1749
8748	SEOB1465	8808	SEOB1549	8868	SEOB1617	8928	SEOB1681	8988	SEOB1750
8749	SEOB1466	8809	SEOB1551	8869	SEOB1618	8929	SEOB1682	8989	SEOB1752
8750	SEOB1467	8810	SEOB1552	8870	SEOB1619	8930	SEOB1683	8990	SEOB1753
8751	SEOB1468	8811	SEOB1553	8871	SEOB1620	8931	SEOB1684	8991	SEOB1754
8752	SEOB1469	8812	SEOB1554	8872	SEOB1622	8932	SEOB1685	8992	SEOB1755
8753	SEOB1470	8813	SEOB1555	8873	SEOB1623	8933	SEOB1686	8993	SEOB1756
8754	SEOB1471	8814	SEOB1556	8874	SEOB1624	8934	SEOB1689	8994	SEOB1757
8755	SEOB1472	8815	seob1557n	8875	SEOB1625	8935	SEOB1690	8995	SEOB1758
8756	SEOB1473	8816	SEOB1558	8876	SEOB1626	8936	SEOB1691	8996	SEOB1759
8757	SEOB1474	8817	SEOB1560	8877	SEOB1627	8937	SEOB1692	8997	SEOB1762
8758	SEOB1475	8818	SEOB1561	8878	SEOB1628	8938	SEOB1696	8998	SEOB1763
8759	SEOB1476	8819	SEOB1562	8879	SEOB1629	8939	SEOB1697	8999	SEOB1764
8760	SEOB1490	8820	SEOB1564	8880	SEOB1630	8940	SEOB1698	9000	SEOB1766

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9001	SEOB1767	9061	SEOB1837	9121	SEOB1907	9181	SEOB1981	9241	SEOB2058
9002	SEOB1768	9062	SEOB1838	9122	SEOB1908	9182	SEOB1982	9242	SEOB2059
9003	SEOB1769	9063	SEOB1839	9123	SEOB1909	9183	SEOB1984	9243	SEOB2060
9004	SEOB1770	9064	SEOB1840	9124	SEOB1910	9184	SEOB1985	9244	SEOB2062
9005	SEOB1771	9065	SEOB1841	9125	SEOB1911	9185	SEOB1986	9245	SEOB2064
9006	SEOB1772	9066	SEOB1842	9126	SEOB1915	9186	SEOB1987	9246	SEOB2065
9007	SEOB1773	9067	SEOB1843	9127	SEOB1916	9187	SEOB1988	9247	SEOB2067
9008	SEOB1774	9068	SEOB1844	9128	SEOB1917	9188	SEOB1991	9248	SEOB2069
9009	SEOB1775	9069	SEOB1845	9129	SEOB1918	9189	SEOB1992	9249	SEOB2070
9010	SEOB1776	9070	SEOB1846	9130	SEOB1920	9190	SEOB1993	9250	SEOB2071
9011	SEOB1777	9071	SEOB1847	9131	SEOB1921	9191	SEOB1994	9251	SEOB2074
9012	SEOB1778	9072	SEOB1848	9132	SEOB1922	9192	SEOB1996	9252	SEOB2076
9013	SEOB1780	9073	SEOB1849	9133	SEOB1923	9193	SEOB1997	9253	SEOB2077
9014	SEOB1781	9074	SEOB1850	9134	SEOB1924	9194	SEOB1998	9254	SEOB2078
9015	SEOB1782	9075	SEOB1851	9135	SEOB1926	9195	SEOB1999	9255	SEOB2079
9016	SEOB1783	9076	SEOB1852	9136	SEOB1928	9196	SEOB2001	9256	SEOB2080
9017	SEOB1784	9077	SEOB1853	9137	SEOB1929	9197	SEOB2002	9257	SEOB2081
9018	SEOB1785	9078	SEOB1854	9138	SEOB1930	9198	SEOB2004	9258	SEOB2082
9019	SEOB1786	9079	SEOB1855	9139	SEOB1931	9199	SEOB2005	9259	SEOB2083
9020	SEOB1787	9080	SEOB1856	9140	SEOB1932	9200	SEOB2006	9260	SEOB2084
9021	SEOB1788	9081	SEOB1857	9141	SEOB1933	9201	SEOB2007	9261	SEOB2085
9022	SEOB1789	9082	SEOB1858	9142	SEOB1934	9202	SEOB2008	9262	SEOB2086
9023	SEOB1790	9083	SEOB1859	9143	SEOB1935	9203	SEOB2009	9263	SEOB2087
9024	SEOB1792	9084	SEOB1860	9144	SEOB1936	9204	SEOB2010	9264	SEOB2088
9025	SEOB1793	9085	SEOB1862	9145	SEOB1937	9205	SEOB2011	9265	SEOB2089
9026	SEOB1794	9086	SEOB1864	9146	SEOB1938	9206	SEOB2015	9266	SEOB2090
9027	SEOB1795	9087	SEOB1865	9147	SEOB1939	9207	SEOB2016	9267	seob2091n
9028	SEOB1796	9088	SEOB1866	9148	SEOB1940	9208	SEOB2019	9268	SEOB2092
9029	SEOB1797	9089	SEOB1867	9149	SEOB1941	9209	SEOB2022	9269	SEOB2094
9030	seob1798	9090	SEOB1868	9150	seob1942n	9210	SEOB2023	9270	SEOB2096
9031	seob1799	9091	SEOB1869	9151	SEOB1943	9211	SEOB2024	9271	SEOB2098
9032	seob1800n	9092	SEOB1870	9152	SEOB1944	9212	SEOB2025	9272	SEOB2100
9033	SEOB1801	9093	SEOB1871	9153	SEOB1945	9213	SEOB2026	9273	SEOB2101
9034	SEOB1804	9094	SEOB1873	9154	SEOB1946	9214	SEOB2027	9274	SEOB2102
9035	seob1805n	9095	SEOB1874	9155	SEOB1947	9215	SEOB2028	9275	SEOB2103
9036	SEOB1807	9096	SEOB1876	9156	SEOB1948	9216	SEOB2029	9276	SEOB2104
9037	SEOB1808	9097	SEOB1877	9157	SEOB1949	9217	SEOB2030	9277	SEOB2105
9038	SEOB1809	9098	SEOB1878	9158	SEOB1951	9218	SEOB2031	9278	SEOB2106
9039	SEOB1810	9099	SEOB1879	9159	SEOB1952	9219	SEOB2032	9279	SEOB2107
9040	SEOB1811	9100	SEOB1881	9160	SEOB1953	9220	SEOB2033	9280	SEOB2108
9041	SEOB1812	9101	SEOB1882	9161	SEOB1954	9221	SEOB2034	9281	SEOB2109
9042	SEOB1814	9102	SEOB1883	9162	SEOB1955	9222	SEOB2038	9282	SEOB2110
9043	SEOB1815	9103	SEOB1884	9163	SEOB1956	9223	SEOB2039	9283	SEOB2111
9044	SEOB1817	9104	SEOB1886	9164	SEOB1958	9224	SEOB2041	9284	SEOB2112
9045	SEOB1818	9105	SEOB1887	9165	SEOB1960	9225	SEOB2042	9285	SEOB2113
9046	SEOB1819	9106	SEOB1889	9166	SEOB1961	9226	SEOB2043	9286	SEOB2114
9047	SEOB1821	9107	SEOB1890	9167	SEOB1963	9227	SEOB2044	9287	SEOB2115
9048	SEOB1822	9108	SEOB1891	9168	SEOB1964	9228	SEOB2045	9288	SEOB2116
9049	SEOB1823	9109	SEOB1892	9169	SEOB1965	9229	SEOB2046	9289	SEOB2118
9050	SEOB1824	9110	SEOB1893	9170	SEOB1966	9230	SEOB2047	9290	SEOB2119
9051	SEOB1825	9111	SEOB1894	9171	SEOB1967	9231	SEOB2048	9291	SEOB2120
9052	SEOB1826	9112	SEOB1895	9172	SEOB1968	9232	SEOB2049	9292	SEOB2121
9053	SEOB1827	9113	SEOB1897	9173	SEOB1971	9233	SEOB2050	9293	SEOB2122
9054	SEOB1828	9114	SEOB1898	9174	SEOB1972	9234	SEOB2051	9294	SEOB2123
9055	SEOB1829	9115	SEOB1899	9175	SEOB1974	9235	SEOB2052	9295	SEOB2125
9056	SEOB1831	9116	SEOB1900	9176	SEOB1976	9236	SEOB2053	9296	SEOB2126
9057	SEOB1833	9117	SEOB1902	9177	SEOB1977	9237	SEOB2054	9297	SEOB2128
9058	SEOB1834	9118	SEOB1903	9178	SEOB1978	9238	SEOB2055	9298	SEOB2129
9059	SEOB1835	9119	SEOB1904	9179	SEOB1979	9239	SEOB2056	9299	SEOB2130
9060	SEOB1836	9120	SEOB1906	9180	SEOB1980	9240	SEOB2057	9300	SEOB2131

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9301	SEOB2132	9361	SEOB2213	9421	SEOB2288	9481	seob2557	9541	SEOB2658
9302	SEOB2134	9362	SEOB2214	9422	SEOB2290	9482	seob2559	9542	SEOB2659
9303	SEOB2138	9363	SEOB2215	9423	SEOB2291	9483	seob2560	9543	SEOB2660
9304	SEOB2139	9364	SEOB2216	9424	SEOB2292	9484	seob2563	9544	SEOB2661
9305	SEOB2141	9365	SEOB2217	9425	SEOB2293	9485	seob2564	9545	SEOB2662
9306	seob2144n	9366	SEOB2218	9426	SEOB2294	9486	seob2566	9546	SEOB2663
9307	SEOB2145	9367	SEOB2219	9427	SEOB2295	9487	seob2567	9547	SEOB2665
9308	SEOB2146	9368	SEOB2220	9428	seob2297	9488	seob2568	9548	SEOB2666
9309	SEOB2147	9369	SEOB2221	9429	seob2299	9489	seob2569	9549	seob2667n
9310	SEOB2148	9370	SEOB2223	9430	seob2300	9490	seob2570	9550	SEOB2668
9311	SEOB2149	9371	SEOB2224	9431	seob2301	9491	seob2572	9551	SEOB2669
9312	SEOB2150	9372	SEOB2225	9432	seob2302	9492	seob2573	9552	SEOB2670
9313	SEOB2151	9373	SEOB2226	9433	seob2303	9493	seob2574	9553	SEOB2671
9314	SEOB2152	9374	SEOB2228	9434	seob2304	9494	seob2575	9554	SEOB2674
9315	SEOB2153	9375	SEOB2229	9435	seob2306	9495	seob2579	9555	SEOB2676
9316	SEOB2154	9376	SEOB2230	9436	seob2307	9496	seob2582	9556	SEOB2677
9317	SEOB2155	9377	SEOB2232	9437	seob2308	9497	seob2585	9557	SEOB2678
9318	SEOB2156	9378	SEOB2234	9438	seob2309	9498	seob2587	9558	SEOB2679
9319	SEOB2157	9379	SEOB2235	9439	seob2310	9499	seob2588	9559	SEOB2680
9320	SEOB2158	9380	SEOB2238	9440	seob2311	9500	seob2589	9560	SEOB2681
9321	SEOB2159	9381	SEOB2239	9441	seob2312	9501	seob2590	9561	SEOB2683
9322	SEOB2160	9382	SEOB2240	9442	seob2314	9502	seob2592	9562	SEOB2685
9323	SEOB2161	9383	SEOB2241	9443	seob2315	9503	seob2593	9563	SEOB2686
9324	SEOB2163	9384	SEOB2242	9444	seob2316	9504	seob2594	9564	SEOB2688
9325	SEOB2165	9385	SEOB2243	9445	seob2317	9505	seob2595	9565	SEOB2689
9326	seob2167n	9386	SEOB2245	9446	seob2321	9506	seob2597	9566	SEOB2690
9327	SEOB2168	9387	SEOB2246	9447	seob2322	9507	seob2599	9567	SEOB2691
9328	SEOB2169	9388	SEOB2247	9448	seob2325	9508	seob2600	9568	SEOB2692
9329	SEOB2171	9389	seob2248n	9449	seob2327	9509	seob2601	9569	SEOB2696
9330	SEOB2173	9390	SEOB2249	9450	seob2328	9510	seob2604	9570	SEOB2697
9331	SEOB2176	9391	SEOB2252	9451	seob2329	9511	seob2605	9571	SEOB2699
9332	SEOB2178	9392	SEOB2253	9452	seob2330	9512	seob2607	9572	SEOB2701
9333	SEOB2179	9393	SEOB2254	9453	seob2331	9513	seob2608	9573	SEOB2704
9334	SEOB2180	9394	SEOB2255	9454	seob2333	9514	seob2610	9574	SEOB2705
9335	SEOB2181	9395	SEOB2256	9455	seob2334	9515	seob2611	9575	SEOB2706
9336	SEOB2184	9396	SEOB2257	9456	seob2335	9516	seob2612	9576	SEOB2707
9337	SEOB2185	9397	SEOB2258	9457	seob2336	9517	seob2613	9577	SEOB2709
9338	SEOB2187	9398	SEOB2259	9458	seob2337	9518	seob2614	9578	SEOB2710
9339	SEOB2188	9399	SEOB2260	9459	seob2530	9519	seob2616	9579	SEOB2711
9340	SEOB2189	9400	SEOB2261	9460	seob2531	9520	seob2619	9580	SEOB2712
9341	SEOB2190	9401	SEOB2262	9461	seob2534	9521	seob2620	9581	SEOB2713
9342	SEOB2192	9402	SEOB2263	9462	seob2535	9522	seob2621	9582	SEOB2714
9343	SEOB2193	9403	SEOB2264	9463	seob2536	9523	seob2622	9583	SEOB2716
9344	SEOB2194	9404	SEOB2265	9464	seob2537	9524	seob2624	9584	SEOB2717
9345	SEOB2195	9405	SEOB2266	9465	seob2538	9525	seob2625	9585	SEOB2719
9346	SEOB2196	9406	SEOB2267	9466	seob2539	9526	SEOB2627	9586	SEOB2722
9347	SEOB2197	9407	SEOB2268	9467	seob2540	9527	SEOB2629	9587	SEOB2723
9348	SEOB2198	9408	SEOB2269	9468	seob2541	9528	SEOB2631	9588	SEOB2724
9349	SEOB2199	9409	SEOB2270	9469	seob2543	9529	SEOB2633	9589	SEOB2726
9350	SEOB2200	9410	SEOB2271	9470	seob2544	9530	SEOB2635	9590	SEOB2727
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9352	seob2202n	9412	SEOB2275	9472	seob2546	9532	SEOB2642	9592	SEOB2729
9353	SEOB2204	9413	SEOB2276	9473	seob2547	9533	SEOB2643	9593	SEOB2730
9354	SEOB2205	9414	SEOB2277	9474	seob2548	9534	SEOB2645	9594	SEOB2731
9355	SEOB2206	9415	SEOB2280	9475	seob2549	9535	SEOB2648	9595	SEOB2732
9356	SEOB2208	9416	SEOB2282	9476	seob2551	9536	SEOB2649	9596	SEOB2733
9357	SEOB2209	9417	SEOB2283	9477	seob2553	9537	SEOB2650	9597	SEOB2734
9358	SEOB2210	9418	SEOB2284	9478	seob2554	9538	SEOB2651	9598	SEOB2735
9359	SEOB2211	9419	SEOB2286	9479	seob2555	9539	SEOB2653	9599	SEOB2736
9360	SEOB2212	9420	SEOB2287	9480	seob2556	9540	SEOB2657	9600	SEOB2737

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9601	SEOB2738	9661	SEOB2808	9721	SEOB2981	9781	seob3065n	9841	SEOB3136
9602	SEOB2739	9662	SEOB2809	9722	SEOB2983	9782	SEOB3066	9842	SEOB3137
9603	SEOB2740	9663	SEOB2810	9723	SEOB2984	9783	SEOB3067	9843	SEOB3138
9604	SEOB2741	9664	SEOB2811	9724	SEOB2985	9784	SEOB3068	9844	SEOB3139
9605	SEOB2742	9665	SEOB2812	9725	SEOB2986	9785	SEOB3069	9845	SEOB3140
9606	SEOB2744	9666	SEOB2813	9726	SEOB2987	9786	SEOB3072	9846	SEOB3141
9607	SEOB2745	9667	SEOB2814	9727	SEOB2988	9787	SEOB3073	9847	SEOB3142
9608	SEOB2746	9668	SEOB2816	9728	SEOB2989	9788	SEOB3074	9848	SEOB3143
9609	SEOB2749	9669	SEOB2817	9729	SEOB2990	9789	SEOB3075	9849	SEOB3144
9610	SEOB2750	9670	SEOB2914	9730	SEOB2991	9790	SEOB3076	9850	SEOB3145
9611	SEOB2751	9671	SEOB2916	9731	SEOB2994	9791	SEOB3077	9851	SEOB3148
9612	SEOB2752	9672	SEOB2917	9732	SEOB2995	9792	SEOB3078	9852	SEOB3149
9613	SEOB2753	9673	SEOB2918	9733	SEOB2996	9793	SEOB3079	9853	SEOB3150
9614	SEOB2754	9674	SEOB2919	9734	SEOB2998	9794	SEOB3081	9854	SEOB3151
9615	SEOB2755	9675	SEOB2920	9735	SEOB2999	9795	SEOB3082	9855	SEOB3152
9616	SEOB2756	9676	SEOB2921	9736	SEOB3000	9796	SEOB3083	9856	SEOB3153
9617	SEOB2757	9677	SEOB2924	9737	SEOB3002	9797	SEOB3085	9857	SEOB3154
9618	SEOB2760	9678	SEOB2925	9738	SEOB3003	9798	SEOB3086	9858	SEOB3155
9619	SEOB2761	9679	SEOB2926	9739	SEOB3004	9799	SEOB3088	9859	SEOB3156
9620	SEOB2762	9680	SEOB2927	9740	SEOB3005	9800	SEOB3090	9860	SEOB3157
9621	SEOB2763	9681	SEOB2929	9741	SEOB3006	9801	SEOB3091	9861	SEOB3158
9622	SEOB2764	9682	SEOB2930	9742	SEOB3007	9802	SEOB3092	9862	SEOB3162
9623	SEOB2765	9683	SEOB2932	9743	SEOB3008	9803	SEOB3093	9863	SEOB3163
9624	SEOB2766	9684	SEOB2934	9744	SEOB3009	9804	SEOB3095	9864	SEOB3164
9625	SEOB2767	9685	SEOB2936	9745	SEOB3010	9805	SEOB3096	9865	SEOB3165
9626	SEOB2768	9686	SEOB2937	9746	SEOB3011	9806	SEOB3097	9866	SEOB3166
9627	SEOB2770	9687	SEOB2938	9747	SEOB3012	9807	SEOB3098	9867	SEOB3168
9628	SEOB2771	9688	SEOB2939	9748	SEOB3014	9808	SEOB3099	9868	SEOB3169
9629	SEOB2772	9689	SEOB2940	9749	SEOB3015	9809	SEOB3100	9869	SEOB3170
9630	SEOB2773	9690	SEOB2941	9750	SEOB3017	9810	SEOB3101	9870	SEOB3171
9631	SEOB2774	9691	SEOB2942	9751	SEOB3018	9811	SEOB3102	9871	SEOB3172
9632	SEOB2775	9692	SEOB2944	9752	SEOB3020	9812	SEOB3103	9872	SEOB3174
9633	SEOB2777	9693	SEOB2945	9753	SEOB3025	9813	SEOB3104	9873	SEOB3175
9634	SEOB2778	9694	SEOB2946	9754	SEOB3026	9814	SEOB3105	9874	SEOB3176
9635	SEOB2779	9695	SEOB2947	9755	SEOB3027	9815	SEOB3106	9875	SEOB3177
9636	SEOB2780	9696	SEOB2948	9756	SEOB3029	9816	SEOB3107	9876	SEOB3178
9637	SEOB2781	9697	SEOB2950	9757	SEOB3033	9817	SEOB3108	9877	SEOB3179
9638	SEOB2783	9698	SEOB2951	9758	SEOB3035	9818	SEOB3109	9878	SEOB3180
9639	SEOB2785	9699	SEOB2952	9759	SEOB3037	9819	SEOB3110	9879	SEOB3181
9640	SEOB2786	9700	SEOB2953	9760	SEOB3038	9820	SEOB3111	9880	SEOB3182
9641	SEOB2787	9701	SEOB2954	9761	SEOB3039	9821	SEOB3112	9881	SEOB3183
9642	SEOB2788	9702	SEOB2955	9762	SEOB3041	9822	SEOB3113	9882	SEOB3184
9643	SEOB2789	9703	SEOB2956	9763	SEOB3042	9823	SEOB3114	9883	seob3185
9644	SEOB2790	9704	SEOB2957	9764	SEOB3045	9824	SEOB3115	9884	SEOB3186
9645	SEOB2791	9705	SEOB2958	9765	SEOB3047	9825	SEOB3116	9885	SEOB3187
9646	SEOB2792	9706	SEOB2959	9766	SEOB3048	9826	SEOB3117	9886	SEOB3189
9647	SEOB2793	9707	seob2960n	9767	SEOB3049	9827	SEOB3118	9887	SEOB3190
9648	SEOB2794	9708	SEOB2962	9768	SEOB3050	9828	SEOB3119	9888	SEOB3191
9649	SEOB2795	9709	SEOB2964	9769	SEOB3051	9829	SEOB3120	9889	SEOB3192
9650	SEOB2796	9710	SEOB2965	9770	SEOB3052	9830	SEOB3121	9890	SEOB3193
9651	SEOB2797	9711	SEOB2966	9771	SEOB3053	9831	SEOB3122	9891	SEOB3194
9652	SEOB2798	9712	SEOB2967	9772	SEOB3054	9832	SEOB3123	9892	SEOB3195
9653	SEOB2800	9713	SEOB2969	9773	SEOB3055	9833	SEOB3127	9893	SEOB3196
9654	SEOB2801	9714	SEOB2972	9774	SEOB3056	9834	SEOB3128	9894	SEOB3197
9655	SEOB2802	9715	SEOB2973	9775	SEOB3057	9835	seob3129n	9895	SEOB3201
9656	SEOB2803	9716	SEOB2974	9776	SEOB3058	9836	SEOB3130	9896	SEOB3203
9657	SEOB2804	9717	SEOB2976	9777	SEOB3059	9837	SEOB3131	9897	SEOB3204
9658	SEOB2805	9718	SEOB2978	9778	SEOB3061	9838	SEOB3133	9898	SEOB3206
9659	SEOB2806	9719	SEOB2979	9779	SEOB3063	9839	SEOB3134	9899	SEOB3207
9660	SEOB2807	9720	SEOB2980	9780	SEOB3064	9840	SEOB3135	9900	SEOB3209

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9901	SEOB3210	9961	seob3279n	10021	SEOB3364	10081	SEOB3432	10141	SEOB3503
9902	SEOB3211	9962	SEOB3281	10022	SEOB3365	10082	SEOB3435	10142	SEOB3504
9903	SEOB3212	9963	SEOB3291	10023	SEOB3366	10083	SEOB3436	10143	SEOB3506
9904	SEOB3213	9964	SEOB3294	10024	SEOB3367	10084	SEOB3437	10144	SEOB3507
9905	SEOB3214	9965	SEOB3295	10025	SEOB3368	10085	SEOB3440	10145	SEOB3508
9906	SEOB3215	9966	SEOB3296	10026	SEOB3369	10086	SEOB3441	10146	SEOB3509
9907	SEOB3216	9967	SEOB3297	10027	SEOB3370	10087	SEOB3443	10147	SEOB3510
9908	SEOB3217	9968	SEOB3299	10028	SEOB3371	10088	SEOB3444	10148	SEOB3511
9909	SEOB3218	9969	SEOB3300	10029	SEOB3374	10089	SEOB3446	10149	SEOB3512
9910	SEOB3219	9970	SEOB3301	10030	SEOB3376	10090	SEOB3447	10150	SEOB3513
9911	SEOB3220	9971	SEOB3302	10031	SEOB3377	10091	SEOB3448	10151	SEOB3514
9912	SEOB3221	9972	SEOB3303	10032	SEOB3378	10092	SEOB3450	10152	SEOB3517
9913	SEOB3224	9973	SEOB3304	10033	SEOB3379	10093	SEOB3451	10153	SEOB3518
9914	SEOB3225	9974	SEOB3305	10034	SEOB3380	10094	SEOB3452	10154	SEOB3519
9915	SEOB3226	9975	SEOB3307	10035	SEOB3381	10095	SEOB3453	10155	SEOB3520
9916	SEOB3227	9976	SEOB3308	10036	SEOB3382	10096	SEOB3454	10156	SEOB3521
9917	SEOB3228	9977	SEOB3309	10037	SEOB3383	10097	SEOB3455	10157	SEOB3522
9918	SEOB3229	9978	SEOB3310	10038	SEOB3384	10098	SEOB3456	10158	SEOB3523
9919	SEOB3230	9979	SEOB3312	10039	SEOB3385	10099	SEOB3457	10159	SEOB3524
9920	SEOB3231	9980	SEOB3313	10040	SEOB3386	10100	SEOB3458	10160	SEOB3525
9921	SEOB3233	9981	SEOB3314	10041	seob3387n	10101	SEOB3459	10161	SEOB3526
9922	SEOB3234	9982	SEOB3315	10042	SEOB3388	10102	SEOB3460	10162	SEOB3528
9923	SEOB3235	9983	SEOB3316	10043	SEOB3389	10103	SEOB3461	10163	SEOB3530
9924	SEOB3236	9984	SEOB3317	10044	SEOB3390	10104	SEOB3462	10164	SEOB3531
9925	SEOB3237	9985	SEOB3318	10045	SEOB3392	10105	SEOB3463	10165	SEOB3532
9926	SEOB3238	9986	SEOB3319	10046	SEOB3393	10106	SEOB3464	10166	SEOB3533
9927	SEOB3239	9987	SEOB3320	10047	SEOB3394	10107	SEOB3465	10167	SEOB3534
9928	SEOB3240	9988	SEOB3321	10048	SEOB3395	10108	SEOB3466	10168	SEOB3535
9929	SEOB3241	9989	SEOB3322	10049	SEOB3397	10109	SEOB3467	10169	SEOB3537
9930	SEOB3243	9990	SEOB3323	10050	SEOB3398	10110	SEOB3468	10170	SEOB3538
9931	SEOB3244	9991	SEOB3325	10051	SEOB3399	10111	SEOB3469	10171	seob3539n
9932	SEOB3245	9992	SEOB3326	10052	SEOB3400	10112	SEOB3470	10172	SEOB3540
9933	SEOB3247	9993	SEOB3327	10053	SEOB3401	10113	SEOB3471	10173	SEOB3541
9934	SEOB3248	9994	SEOB3328	10054	SEOB3402	10114	SEOB3474	10174	SEOB3542
9935	SEOB3249	9995	SEOB3329	10055	SEOB3403	10115	SEOB3475	10175	SEOB3545
9936	SEOB3252	9996	SEOB3330	10056	SEOB3404	10116	SEOB3476	10176	SEOB3546
9937	SEOB3253	9997	SEOB3331	10057	SEOB3405	10117	SEOB3477	10177	SEOB3547
9938	SEOB3254	9998	SEOB3332	10058	SEOB3407	10118	SEOB3478	10178	SEOB3548
9939	SEOB3255	9999	SEOB3333	10059	SEOB3408	10119	SEOB3479	10179	SEOB3549
9940	SEOB3256	10000	SEOB3336	10060	SEOB3409	10120	SEOB3480	10180	SEOB3550
9941	SEOB3257	10001	SEOB3337	10061	SEOB3411	10121	seob3481	10181	SEOB3551
9942	SEOB3258	10002	SEOB3338	10062	SEOB3413	10122	SEOB3483	10182	SEOB3553
9943	seob3259n	10003	SEOB3341	10063	SEOB3414	10123	SEOB3485	10183	SEOB3554
9944	SEOB3260	10004	SEOB3343	10064	SEOB3415	10124	SEOB3486	10184	SEOB3555
9945	SEOB3261	10005	SEOB3344	10065	SEOB3416	10125	SEOB3487	10185	SEOB3556
9946	SEOB3262	10006	SEOB3346	10066	SEOB3417	10126	SEOB3488	10186	SEOB3558
9947	SEOB3263	10007	SEOB3347	10067	SEOB3418	10127	SEOB3489	10187	SEOB3559
9948	seob3264	10008	SEOB3348	10068	SEOB3419	10128	SEOB3490	10188	SEOB3560
9949	SEOB3265	10009	SEOB3349	10069	SEOB3420	10129	SEOB3491	10189	SEOB3561
9950	seob3266	10010	SEOB3350	10070	SEOB3421	10130	SEOB3492	10190	SEOB3562
9951	seob3267n	10011	SEOB3351	10071	SEOB3422	10131	SEOB3493	10191	SEOB3563
9952	seob3268	10012	SEOB3354	10072	SEOB3423	10132	seob3494n	10192	SEOB3564
9953	seob3269	10013	SEOB3355	10073	SEOB3424	10133	SEOB3495	10193	SEOB3565
9954	SEOB3270	10014	SEOB3356	10074	SEOB3425	10134	SEOB3496	10194	SEOB3566
9955	seob3271	10015	SEOB3357	10075	SEOB3426	10135	SEOB3497	10195	SEOB3568
9956	seob3272	10016	SEOB3358	10076	SEOB3427	10136	SEOB3498	10196	SEOB3569
9957	SEOB3273	10017	SEOB3359	10077	SEOB3428	10137	SEOB3499	10197	SEOB3570
9958	SEOB3275	10018	SEOB3360	10078	SEOB3429	10138	SEOB3500	10198	SEOB3571
9959	SEOB3277	10019	SEOB3361	10079	SEOB3430	10139	SEOB3501	10199	SEOB3573
9960	SEOB3278	10020	SEOB3362	10080	SEOB3431	10140	SEOB3502	10200	SEOB3574

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10201	SEOB3575	10261	seob3682	10321	seob3834	10381	seob3912	10441	seob3986
10202	SEOB3576	10262	seob3683	10322	seob3836	10382	seob3913	10442	seob3987
10203	SEOB3577	10263	seob3684	10323	seob3837	10383	seob3914	10443	seob3989
10204	SEOB3578	10264	seob3685	10324	seob3838	10384	seob3915	10444	seob3990
10205	SEOB3580	10265	seob3686	10325	seob3840	10385	seob3916	10445	seob3991
10206	SEOB3581	10266	seob3688	10326	seob3841	10386	seob3917	10446	seob3992
10207	SEOB3582	10267	seob3689	10327	seob3842	10387	seob3918	10447	seob3994
10208	SEOB3584	10268	seob3690	10328	seob3843	10388	seob3919	10448	seob3995
10209	SEOB3585	10269	seob3692	10329	seob3844	10389	seob3920	10449	seob3996
10210	SEOB3587	10270	seob3694	10330	seob3845	10390	seob3921	10450	seob3997
10211	SEOB3588	10271	seob3695	10331	seob3847	10391	seob3922	10451	seob3998
10212	SEOB3589	10272	seob3696	10332	seob3852	10392	seob3923	10452	seob3999
10213	SEOB3590	10273	seob3697	10333	seob3854	10393	seob3924	10453	seob4000
10214	SEOB3591	10274	seob3698	10334	seob3855	10394	seob3925	10454	seob4001
10215	SEOB3593	10275	seob3699	10335	seob3856	10395	seob3926	10455	seob4002
10216	SEOB3594	10276	seob3700	10336	seob3857	10396	seob3927	10456	seob4003
10217	SEOB3595	10277	seob3701	10337	seob3858	10397	seob3929	10457	seob4004
10218	SEOB3596	10278	seob3702	10338	seob3859	10398	seob3930	10458	seob4005
10219	SEOB3597	10279	seob3703	10339	seob3860	10399	seob3933	10459	seob4006
10220	SEOB3599	10280	seob3704	10340	seob3861	10400	seob3935	10460	seob4008
10221	seob3601	10281	seob3705	10341	seob3862	10401	seob3936	10461	seob4009
10222	seob3602	10282	seob3707	10342	seob3865	10402	seob3937	10462	seob4010
10223	seob3603	10283	seob3709	10343	seob3866	10403	seob3938	10463	seob4011
10224	seob3642	10284	seob3710	10344	seob3867	10404	seob3940	10464	seob4012
10225	seob3643n	10285	seob3711	10345	seob3868	10405	seob3941	10465	seob4013
10226	seob3644	10286	seob3712	10346	seob3869	10406	seob3942	10466	seob4014
10227	seob3645	10287	seob3713	10347	seob3870	10407	seob3943	10467	seob4017
10228	seob3646	10288	seob3714	10348	seob3872	10408	seob3944	10468	seob4018
10229	seob3647	10289	seob3715	10349	seob3873	10409	seob3945	10469	seob4019
10230	seob3648	10290	seob3716	10350	seob3875	10410	seob3946	10470	seob4020
10231	seob3649	10291	seob3717	10351	seob3876	10411	seob3947	10471	seob4021
10232	seob3650	10292	seob3718	10352	seob3877	10412	seob3948	10472	seob4022
10233	seob3653	10293	seob3719	10353	seob3878	10413	seob3949	10473	seob4023
10234	seob3654	10294	seob3720	10354	seob3879	10414	seob3951	10474	seob4026
10235	seob3655	10295	seob3722	10355	seob3881	10415	seob3952	10475	seob4028
10236	seob3657	10296	seob3723	10356	seob3882	10416	seob3953	10476	seob4029
10237	seob3658	10297	seob3725	10357	seob3883	10417	seob3955	10477	seob4030
10238	seob3659	10298	seob3726	10358	seob3884	10418	seob3956	10478	seob4032
10239	seob3660	10299	seob3727	10359	seob3885	10419	seob3958	10479	seob4033
10240	seob3661	10300	seob3729	10360	seob3886	10420	seob3960	10480	seob4034
10241	seob3662	10301	seob3730	10361	seob3887	10421	seob3961	10481	seob4035
10242	seob3663	10302	seob3731	10362	seob3888	10422	seob3962	10482	seob4036
10243	seob3664	10303	seob3732	10363	seob3889	10423	seob3963	10483	seob4037
10244	seob3665	10304	seob3734	10364	seob3890	10424	seob3964	10484	seob4038
10245	seob3666	10305	seob3738	10365	seob3891	10425	seob3965	10485	seob4039
10246	seob3667	10306	seob3739	10366	seob3892	10426	seob3966	10486	seob4040
10247	seob3668	10307	seob3740	10367	seob3893	10427	seob3969	10487	seob4041
10248	seob3669	10308	seob3741	10368	seob3894	10428	seob3970	10488	seob4042
10249	seob3670	10309	seob3743	10369	seob3896	10429	seob3972	10489	seob4044
10250	seob3671	10310	seob3744	10370	seob3897	10430	seob3973	10490	seob4045
10251	seob3672	10311	seob3747	10371	seob3898	10431	seob3975	10491	seob4047
10252	seob3673	10312	seob3748	10372	seob3899	10432	seob3976	10492	seob4049
10253	seob3674	10313	seob3749	10373	seob3901	10433	seob3977	10493	seob4050
10254	seob3675	10314	seob3750	10374	seob3902	10434	seob3978	10494	seob4051
10255	seob3676	10315	seob3751	10375	seob3903	10435	seob3979	10495	seob4053
10256	seob3677	10316	seob3753	10376	seob3904	10436	seob3980	10496	seob4054
10257	seob3678	10317	seob3754	10377	seob3905	10437	seob3982	10497	seob4056
10258	seob3679	10318	seob3755	10378	seob3908	10438	seob3983	10498	seob4057
10259	seob3680	10319	seob3756	10379	seob3910	10439	seob3984	10499	seob4058
10260	seob3681	10320	seob3757	10380	seob3911	10440	seob3985	10500	seob4059

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10501	seob4060	10561	seob4125	10621	seob4191	10681	seob4263	10741	seob4342
10502	seob4061	10562	seob4126	10622	seob4192	10682	seob4264	10742	seob4345
10503	seob4062	10563	seob4127	10623	seob4195	10683	seob4265	10743	seob4346
10504	seob4063	10564	seob4128	10624	seob4196	10684	seob4266	10744	seob4349
10505	seob4064	10565	seob4129	10625	seob4197	10685	seob4267	10745	seob4351
10506	seob4065	10566	seob4130	10626	seob4198	10686	seob4268	10746	seob4352
10507	seob4066	10567	seob4131	10627	seob4199	10687	seob4269	10747	seob4353
10508	seob4067	10568	seob4132	10628	seob4200	10688	seob4270	10748	seob4355
10509	seob4068	10569	seob4133	10629	seob4201	10689	seob4271	10749	seob4356
10510	seob4069	10570	seob4134	10630	seob4202	10690	seob4272	10750	seob4357
10511	seob4070	10571	seob4135	10631	seob4203	10691	seob4273	10751	seob4358
10512	seob4071	10572	seob4136	10632	seob4204	10692	seob4274	10752	seob4359
10513	seob4073	10573	seob4137	10633	seob4205	10693	seob4276	10753	seob4360
10514	seob4074	10574	seob4138	10634	seob4206	10694	seob4277	10754	seob4362
10515	seob4075	10575	seob4139	10635	seob4207	10695	seob4278	10755	seob4363
10516	seob4076	10576	seob4140	10636	seob4208	10696	seob4280	10756	seob4366
10517	seob4077	10577	seob4141	10637	seob4209	10697	seob4281	10757	seob4368
10518	seob4078	10578	seob4143	10638	seob4210	10698	seob4282	10758	seob4369
10519	seob4079	10579	seob4144	10639	seob4211	10699	seob4283	10759	seob4370
10520	seob4080	10580	seob4145	10640	seob4212	10700	seob4284	10760	seob4372
10521	seob4081	10581	seob4146	10641	seob4213	10701	seob4285	10761	seob4374
10522	seob4082	10582	seob4147	10642	seob4214	10702	seob4286	10762	seob4375
10523	seob4083	10583	seob4148	10643	seob4215	10703	seob4287	10763	seob4377
10524	seob4084	10584	seob4149	10644	seob4216	10704	seob4288	10764	seob4378
10525	seob4085	10585	seob4150	10645	seob4217	10705	seob4290	10765	seob4379
10526	seob4086	10586	seob4152	10646	seob4218	10706	seob4291	10766	seob4380
10527	seob4087	10587	seob4153	10647	seob4219	10707	seob4292	10767	seob4381
10528	seob4088	10588	seob4154	10648	seob4220	10708	seob4293	10768	seob4382
10529	seob4089	10589	seob4155	10649	seob4223	10709	seob4294	10769	seob4383
10530	seob4090	10590	seob4156	10650	seob4224	10710	seob4295	10770	seob4384
10531	seob4091	10591	seob4157	10651	seob4225	10711	seob4296	10771	seob4385n
10532	seob4092	10592	seob4158	10652	seob4226	10712	seob4297	10772	seob4389
10533	seob4093	10593	seob4160	10653	seob4228	10713	seob4298	10773	seob4390
10534	seob4094	10594	seob4161	10654	seob4229	10714	seob4301n	10774	seob4393
10535	seob4095	10595	seob4162	10655	seob4230	10715	seob4302	10775	seob4394
10536	seob4096	10596	seob4163	10656	seob4231	10716	seob4303	10776	seob4400
10537	seob4097	10597	seob4164	10657	seob4232	10717	seob4304	10777	seob4401
10538	seob4098	10598	seob4165	10658	seob4233	10718	seob4305	10778	seob4404
10539	seob4099	10599	seob4166	10659	seob4234	10719	seob4306	10779	seob4409
10540	seob4100	10600	seob4167	10660	seob4235	10720	seob4308	10780	seob4410
10541	seob4101	10601	seob4168	10661	seob4237	10721	seob4309	10781	seob4411
10542	seob4102	10602	seob4169	10662	seob4240	10722	seob4311	10782	seob4412
10543	seob4103	10603	seob4170	10663	seob4241	10723	seob4312	10783	seob4413
10544	seob4104	10604	seob4171	10664	seob4242	10724	seob4313	10784	seob4414
10545	seob4105	10605	seob4172	10665	seob4243	10725	seob4314	10785	seob4415
10546	seob4107	10606	seob4173	10666	seob4244	10726	seob4317	10786	seob4416
10547	seob4108	10607	seob4174	10667	seob4246	10727	seob4321	10787	seob4417
10548	seob4109	10608	seob4175	10668	seob4247	10728	seob4322	10788	seob4418
10549	seob4110	10609	seob4176	10669	seob4248	10729	seob4325	10789	seob4419
10550	seob4112	10610	seob4177	10670	seob4249	10730	seob4326	10790	seob4420
10551	seob4113	10611	seob4178	10671	seob4251	10731	seob4327	10791	seob4421
10552	seob4114	10612	seob4179	10672	seob4252	10732	seob4331	10792	seob4422
10553	seob4115	10613	seob4182	10673	seob4254	10733	seob4332	10793	seob4423
10554	seob4116	10614	seob4183	10674	seob4255	10734	seob4333	10794	seob4424
10555	seob4117	10615	seob4184	10675	seob4256	10735	seob4335	10795	seob4425
10556	seob4118	10616	seob4185	10676	seob4258	10736	seob4337	10796	seob4426
10557	seob4119	10617	seob4187	10677	seob4259	10737	seob4338	10797	seob4427
10558	seob4120	10618	seob4188	10678	seob4260	10738	seob4339	10798	seob4429
10559	seob4121	10619	seob4189	10679	seob4261n	10739	seob4340	10799	seob4430
10560	seob4122	10620	seob4190	10680	seob4262	10740	seob4341	10800	seob4431



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10801	seob4433	10861	seob4500	10921	seob4586	10981	seob4654	11041	seob4726
10802	seob4434	10862	seob4502	10922	seob4587	10982	seob4655	11042	seob4728
10803	seob4435	10863	seob4503	10923	seob4589	10983	seob4656	11043	seob4730
10804	seob4438	10864	seob4504	10924	seob4590	10984	seob4657	11044	seob4731
10805	seob4439	10865	seob4505	10925	seob4591	10985	seob4658	11045	seob4732
10806	seob4440	10866	seob4506	10926	seob4592	10986	seob4659	11046	seob4733
10807	seob4441	10867	seob4508	10927	seob4593	10987	seob4660	11047	seob4734
10808	seob4442	10868	seob4515	10928	seob4594	10988	seob4661	11048	seob4735
10809	seob4443	10869	seob4516	10929	seob4595	10989	seob4662	11049	seob4736
10810	seob4444	10870	seob4517	10930	seob4596	10990	seob4663	11050	seob4737
10811	seob4445	10871	seob4518	10931	seob4598	10991	seob4664	11051	seob4738
10812	seob4446	10872	seob4522	10932	seob4599	10992	seob4665	11052	seob4739
10813	seob4447	10873	seob4523	10933	seob4600	10993	seob4666	11053	seob4740
10814	seob4448	10874	seob4524	10934	seob4601	10994	seob4667	11054	seob4741
10815	seob4450	10875	seob4525	10935	seob4602	10995	seob4668	11055	seob4742
10816	seob4451	10876	seob4526	10936	seob4603	10996	seob4669	11056	seob4743
10817	seob4452	10877	seob4527	10937	seob4604	10997	seob4670	11057	seob4744
10818	seob4453	10878	seob4528	10938	seob4605	10998	seob4671	11058	seob4745
10819	seob4454	10879	seob4529	10939	seob4606	10999	seob4672	11059	seob4746
10820	seob4455	10880	seob4530	10940	seob4607	11000	seob4673	11060	seob4747
10821	seob4456	10881	seob4531	10941	seob4608	11001	seob4675	11061	seob4748
10822	seob4457	10882	seob4532	10942	seob4609	11002	seob4676	11062	seob4749
10823	seob4458	10883	seob4534	10943	seob4611	11003	seob4677	11063	seob4750
10824	seob4459	10884	seob4536	10944	seob4612	11004	seob4679	11064	seob4751
10825	seob4460	10885	seob4537	10945	seob4613	11005	seob4680	11065	seob4752
10826	seob4461	10886	seob4538	10946	seob4614	11006	seob4681	11066	seob4753
10827	seob4462	10887	seob4539	10947	seob4615	11007	seob4685	11067	seob4754
10828	seob4463	10888	seob4540	10948	seob4616	11008	seob4686	11068	seob4755
10829	seob4465	10889	seob4541	10949	seob4617	11009	seob4689	11069	seob4756
10830	seob4466	10890	seob4542	10950	seob4618	11010	seob4690	11070	seob4757
10831	seob4467	10891	seob4543	10951	seob4619	11011	seob4691	11071	seob4758
10832	seob4468	10892	seob4545	10952	seob4621	11012	seob4692	11072	seob4759
10833	seob4469	10893	seob4553	10953	seob4622	11013	seob4693	11073	seob4760
10834	seob4470	10894	seob4555	10954	seob4623	11014	seob4694	11074	seob4761
10835	seob4471	10895	seob4557	10955	seob4624	11015	seob4695	11075	seob4762
10836	seob4472	10896	seob4560	10956	seob4625	11016	seob4696	11076	seob4763
10837	seob4474	10897	seob4561	10957	seob4626	11017	seob4697	11077	seob4764
10838	seob4475	10898	seob4562	10958	seob4627	11018	seob4698	11078	seob4765
10839	seob4476	10899	seob4563	10959	seob4628	11019	seob4700	11079	seob4766
10840	seob4477	10900	seob4564	10960	seob4629	11020	seob4701	11080	seob4767
10841	seob4479	10901	seob4565	10961	seob4630	11021	seob4702	11081	seob4768
10842	seob4480	10902	seob4566	10962	seob4632	11022	seob4704	11082	seob4769
10843	seob4481	10903	seob4567	10963	seob4634	11023	seob4705	11083	seob4770
10844	seob4482	10904	seob4568	10964	seob4635	11024	seob4706	11084	seob4771
10845	seob4483	10905	seob4569	10965	seob4636	11025	seob4707	11085	seob4772
10846	seob4484	10906	seob4570	10966	seob4638	11026	seob4708	11086	seob4773
10847	seob4485	10907	seob4571	10967	seob4639	11027	seob4709	11087	seob4774
10848	seob4486	10908	seob4573	10968	seob4640	11028	seob4712	11088	seob4775
10849	seob4487	10909	seob4574	10969	seob4641	11029	seob4713	11089	seob4777
10850	seob4488	10910	seob4575	10970	seob4642	11030	seob4714	11090	seob4778
10851	seob4489	10911	seob4576	10971	seob4643	11031	seob4715	11091	seob4779
10852	seob4490	10912	seob4577	10972	seob4644	11032	seob4716	11092	seob4780
10853	seob4491	10913	seob4578	10973	seob4645	11033	seob4718	11093	seob4781
10854	seob4492	10914	seob4579	10974	seob4646	11034	seob4719	11094	seob4782
10855	seob4493	10915	seob4580	10975	seob4647	11035	seob4720	11095	seob4783
10856	seob4494	10916	seob4581	10976	seob4648	11036	seob4721	11096	seob4784
10857	seob4495	10917	seob4582	10977	seob4650	11037	seob4722	11097	seob4785
10858	seob4497	10918	seob4583	10978	seob4651	11038	seob4723	11098	seob4786
10859	seob4498	10919	seob4584	10979	seob4652	11039	seob4724	11099	seob4787
10860	seob4499	10920	seob4585	10980	seob4653	11040	seob4725	11100	seob4790



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11101	seob4791	11161	seob4860	11221	seob4932	11281	seob5022	11341	seob5092
11102	seob4793	11162	seob4861	11222	seob4933	11282	seob5023	11342	seob5093
11103	seob4794	11163	seob4863	11223	seob4934	11283	seob5024	11343	seob5094
11104	seob4795	11164	seob4864	11224	seob4936	11284	seob5025	11344	seob5095
11105	seob4796	11165	seob4865	11225	seob4937	11285	seob5026	11345	seob5096
11106	seob4797	11166	seob4866	11226	seob4938	11286	seob5027	11346	seob5097
11107	seob4798	11167	seob4867	11227	seob4939	11287	seob5028	11347	seob5098
11108	seob4799	11168	seob4868	11228	seob4941	11288	seob5029	11348	seob5099
11109	seob4801	11169	seob4869	11229	seob4944	11289	seob5030	11349	seob5100
11110	seob4802	11170	seob4870	11230	seob4945	11290	seob5031	11350	seob5101
11111	seob4804	11171	seob4871	11231	seob4955	11291	seob5032	11351	seob5103
11112	seob4805	11172	seob4872	11232	seob4956	11292	seob5033	11352	seob5104
11113	seob4807	11173	seob4873	11233	seob4958	11293	seob5034	11353	seob5106
11114	seob4808	11174	seob4874	11234	seob4961	11294	seob5036	11354	seob5107
11115	seob4809	11175	seob4875	11235	seob4962	11295	seob5037	11355	seob5109
11116	seob4810	11176	seob4877	11236	seob4963	11296	seob5038	11356	seob5110
11117	seob4811	11177	seob4878	11237	seob4964	11297	seob5039	11357	seob5112
11118	seob4812	11178	seob4880	11238	seob4965	11298	seob5040	11358	seob5113
11119	seob4813	11179	seob4881	11239	seob4966	11299	seob5041	11359	seob5114
11120	seob4814	11180	seob4882	11240	seob4967	11300	seob5042	11360	seob5115
11121	seob4815	11181	seob4883	11241	seob4969	11301	seob5043	11361	seob5116
11122	seob4816	11182	seob4884	11242	seob4970	11302	seob5044	11362	seob5117
11123	seob4817	11183	seob4885	11243	seob4972	11303	seob5045	11363	seob5118
11124	seob4818	11184	seob4887	11244	seob4973	11304	seob5046	11364	seob5120
11125	seob4819	11185	seob4888	11245	seob4975	11305	seob5048	11365	seob5121
11126	seob4820	11186	seob4889	11246	seob4976	11306	seob5049	11366	seob5122
11127	seob4821	11187	seob4891	11247	seob4977	11307	seob5052	11367	seob5123
11128	seob4822	11188	seob4892	11248	seob4978	11308	seob5053	11368	seob5124
11129	seob4824	11189	seob4893	11249	seob4979	11309	seob5054	11369	seob5126
11130	seob4825	11190	seob4894	11250	seob4981	11310	seob5055	11370	seob5128
11131	seob4826	11191	seob4896	11251	seob4982	11311	seob5056	11371	seob5130
11132	seob4827	11192	seob4897	11252	seob4983	11312	seob5057	11372	seob5131
11133	seob4828	11193	seob4898	11253	seob4985	11313	seob5058	11373	seob5132
11134	seob4829	11194	seob4899	11254	seob4986	11314	seob5059	11374	seob5135
11135	seob4831	11195	seob4900	11255	seob4987	11315	seob5060	11375	seob5136
11136	seob4832	11196	seob4902	11256	seob4990	11316	seob5063	11376	seob5137
11137	seob4833	11197	seob4903	11257	seob4992	11317	seob5064	11377	seob5138
11138	seob4835	11198	seob4904	11258	seob4993	11318	seob5065	11378	seob5140
11139	seob4836	11199	seob4906	11259	seob4994	11319	seob5066	11379	seob5142
11140	seob4837	11200	seob4907	11260	seob4995	11320	seob5067	11380	seob5143
11141	seob4838	11201	seob4910	11261	seob4996	11321	seob5068	11381	seob5144
11142	seob4839	11202	seob4911	11262	seob4997	11322	seob5069	11382	seob5146
11143	seob4840	11203	seob4912	11263	seob4999	11323	seob5070	11383	seob5147
11144	seob4841	11204	seob4913	11264	seob5000	11324	seob5071	11384	seob5150
11145	seob4843	11205	seob4915	11265	seob5001	11325	seob5073	11385	seob5152
11146	seob4844	11206	seob4916	11266	seob5002	11326	seob5075	11386	seob5153
11147	seob4845	11207	seob4917	11267	seob5003	11327	seob5076	11387	seob5154
11148	seob4846	11208	seob4918	11268	seob5004	11328	seob5077	11388	seob5155
11149	seob4847	11209	seob4919	11269	seob5006	11329	seob5078	11389	seob5157
11150	seob4848	11210	seob4920	11270	seob5007	11330	seob5079	11390	seob5158
11151	seob4849	11211	seob4921	11271	seob5009	11331	seob5080	11391	seob5159
11152	seob4850	11212	seob4922	11272	seob5010	11332	seob5081	11392	seob5161
11153	seob4851	11213	seob4923	11273	seob5011	11333	seob5082	11393	seob5162
11154	seob4852	11214	seob4925	11274	seob5012	11334	seob5084	11394	seob5163
11155	seob4853	11215	seob4926	11275	seob5013	11335	seob5085	11395	seob5164
11156	seob4854	11216	seob4927	11276	seob5014	11336	seob5086	11396	seob5165
11157	seob4855	11217	seob4928	11277	seob5016	11337	seob5087	11397	seob5168
11158	seob4857	11218	seob4929	11278	seob5018	11338	seob5088	11398	seob5169
11159	seob4858	11219	seob4930	11279	seob5019	11339	seob5089	11399	seob5172
11160	seob4859	11220	seob4931	11280	seob5021	11340	seob5090	11400	seob5174

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11401	seob5175	11461	seob5243	11521	seob5316	11581	seob5383	11641	seob5452
11402	seob5176	11462	seob5244	11522	seob5317	11582	seob5384	11642	seob5453
11403	seob5177	11463	seob5245	11523	seob5318	11583	seob5385	11643	seob5454
11404	seob5180	11464	seob5246	11524	seob5319	11584	seob5386	11644	seob5455
11405	seob5181	11465	seob5247	11525	seob5320	11585	seob5388	11645	seob5456
11406	seob5182	11466	seob5249	11526	seob5321	11586	seob5389	11646	seob5457
11407	seob5183	11467	seob5251	11527	seob5322	11587	seob5391	11647	seob5458
11408	seob5184	11468	seob5252	11528	seob5323	11588	seob5392	11648	seob5460
11409	seob5185	11469	seob5253	11529	seob5324	11589	seob5393	11649	seob5461
11410	seob5187	11470	seob5254	11530	seob5325	11590	seob5394	11650	seob5462
11411	seob5188	11471	seob5255	11531	seob5326	11591	seob5395	11651	seob5463
11412	seob5189	11472	seob5256	11532	seob5327	11592	seob5396	11652	seob5464
11413	seob5190	11473	seob5257	11533	seob5328	11593	seob5397	11653	seob5465
11414	seob5191	11474	seob5258	11534	seob5329	11594	seob5398	11654	seob5466
11415	seob5192	11475	seob5259	11535	seob5330	11595	seob5399	11655	seob5469
11416	seob5193	11476	seob5260	11536	seob5331	11596	seob5400	11656	seob5470
11417	seob5194	11477	seob5261	11537	seob5332	11597	seob5401	11657	seob5471
11418	seob5195	11478	seob5262	11538	seob5333	11598	seob5402	11658	seob5472
11419	seob5196	11479	seob5263	11539	seob5334	11599	seob5403	11659	seob5473
11420	seob5197	11480	seob5266	11540	seob5335	11600	seob5404	11660	seob5475
11421	seob5198	11481	seob5268	11541	seob5336	11601	seob5405	11661	seob5476
11422	seob5199	11482	seob5269	11542	seob5337	11602	seob5406	11662	seob5478
11423	seob5201	11483	seob5270	11543	seob5339	11603	seob5407	11663	seob5479
11424	seob5202	11484	seob5271	11544	seob5340	11604	seob5408	11664	seob5480
11425	seob5203	11485	seob5272	11545	seob5341	11605	seob5409	11665	seob5481
11426	seob5204	11486	seob5273	11546	seob5342	11606	seob5410	11666	seob5485
11427	seob5205	11487	seob5274	11547	seob5343	11607	seob5411	11667	seob5486
11428	seob5206	11488	seob5276	11548	seob5344	11608	seob5412	11668	seob5487
11429	seob5208	11489	seob5277	11549	seob5345	11609	seob5413	11669	seob5488
11430	seob5209	11490	seob5278	11550	seob5346	11610	seob5414	11670	seob5489
11431	seob5210	11491	seob5280	11551	seob5347	11611	seob5415	11671	seob5490
11432	seob5211	11492	seob5281	11552	seob5349	11612	seob5417	11672	seob5491
11433	seob5212	11493	seob5282	11553	seob5351	11613	seob5418	11673	seob5492
11434	seob5213	11494	seob5284	11554	seob5352	11614	seob5419	11674	seob5493
11435	seob5214	11495	seob5285	11555	seob5353	11615	seob5420	11675	seob5494
11436	seob5216	11496	seob5286	11556	seob5354	11616	seob5421	11676	seob5496
11437	seob5217	11497	seob5287	11557	seob5355	11617	seob5423	11677	seob5500
11438	seob5218	11498	seob5288	11558	seob5356	11618	seob5424	11678	seob5501
11439	seob5219	11499	seob5289	11559	seob5358	11619	seob5427	11679	seob5504
11440	seob5220	11500	seob5290	11560	seob5359	11620	seob5428	11680	seob5505
11441	seob5221	11501	seob5291	11561	seob5360	11621	seob5429	11681	seob5506
11442	seob5222	11502	seob5292	11562	seob5361	11622	seob5430	11682	seob5507
11443	seob5223	11503	seob5295	11563	seob5363	11623	seob5431	11683	seob5508
11444	seob5224	11504	seob5296	11564	seob5364	11624	seob5432	11684	seob5509
11445	seob5225	11505	seob5297	11565	seob5365	11625	seob5433	11685	seob5511
11446	seob5227	11506	seob5298	11566	seob5367	11626	seob5434	11686	seob5512
11447	seob5228	11507	seob5299	11567	seob5368	11627	seob5435	11687	seob5514
11448	seob5229	11508	seob5300	11568	seob5369	11628	seob5436	11688	seob5515
11449	seob5230	11509	seob5301	11569	seob5371	11629	seob5437	11689	seob5516
11450	seob5231	11510	seob5302	11570	seob5372	11630	seob5438	11690	seob5517
11451	seob5232	11511	seob5304	11571	seob5373	11631	seob5439	11691	seob5519
11452	seob5233	11512	seob5305	11572	seob5374	11632	seob5440	11692	seob5520
11453	seob5234	11513	seob5306	11573	seob5375	11633	seob5441	11693	seob5521
11454	seob5235	11514	seob5307	11574	seob5376	11634	seob5443	11694	seob5523
11455	seob5236	11515	seob5308	11575	seob5377	11635	seob5444	11695	seob5524
11456	seob5237	11516	seob5309	11576	seob5378	11636	seob5445	11696	seob5526
11457	seob5238	11517	seob5311	11577	seob5379	11637	seob5447	11697	seob5527
11458	seob5239	11518	seob5312	11578	seob5380	11638	seob5449	11698	seob5528
11459	seob5240	11519	seob5313	11579	seob5381	11639	seob5450	11699	seob5529
11460	seob5241	11520	seob5315	11580	seob5382	11640	seob5451	11700	seob5531

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11701	seob5533	11761	seob5600	11821	seob5666	11881	seob5745	11941	seob5814
11702	seob5534	11762	seob5601	11822	seob5668	11882	seob5746	11942	seob5815
11703	seob5535	11763	seob5602	11823	seob5669	11883	seob5747	11943	seob5816
11704	seob5536	11764	seob5603	11824	seob5670	11884	seob5748	11944	seob5817
11705	seob5537	11765	seob5604	11825	seob5671	11885	seob5749	11945	seob5818
11706	seob5538	11766	seob5605	11826	seob5673	11886	seob5750	11946	seob5819
11707	seob5539	11767	seob5606	11827	seob5676	11887	seob5751	11947	seob5820
11708	seob5540	11768	seob5607	11828	seob5678	11888	seob5752	11948	seob5821
11709	seob5541	11769	seob5608	11829	seob5679	11889	seob5753	11949	seob5822
11710	seob5542	11770	seob5609	11830	seob5680	11890	seob5754	11950	seob5823
11711	seob5543	11771	seob5610	11831	seob5682	11891	seob5755	11951	seob5825
11712	seob5544	11772	seob5611	11832	seob5683	11892	seob5756	11952	seob5826
11713	seob5547	11773	seob5612	11833	seob5684	11893	seob5757	11953	seob5827
11714	seob5548	11774	seob5613	11834	seob5685	11894	seob5758	11954	seob5828
11715	seob5549	11775	seob5614	11835	seob5686	11895	seob5759	11955	seob5829
11716	seob5550	11776	seob5615	11836	seob5688	11896	seob5760	11956	seob5830
11717	seob5551	11777	seob5616	11837	seob5689	11897	seob5761	11957	seob5831
11718	seob5552	11778	seob5618	11838	seob5690	11898	seob5762	11958	seob5832
11719	seob5554	11779	seob5619	11839	seob5691	11899	seob5763	11959	seob5834
11720	seob5555	11780	seob5620	11840	seob5692	11900	seob5764	11960	seob5835
11721	seob5556	11781	seob5621	11841	seob5693	11901	seob5765	11961	seob5836
11722	seob5557	11782	seob5622	11842	seob5695	11902	seob5766	11962	seob5837
11723	seob5558	11783	seob5623	11843	seob5696	11903	seob5767	11963	seob5838
11724	seob5559	11784	seob5624	11844	seob5700	11904	seob5769	11964	seob5840
11725	seob5560	11785	seob5626	11845	seob5701	11905	seob5770	11965	seob5841
11726	seob5561	11786	seob5627	11846	seob5702	11906	seob5771	11966	seob5842
11727	seob5562	11787	seob5629	11847	seob5703	11907	seob5772	11967	seob5843
11728	seob5563	11788	seob5630	11848	seob5705	11908	seob5773	11968	seob5844
11729	seob5564	11789	seob5631	11849	seob5706	11909	seob5774	11969	seob5845
11730	seob5565	11790	seob5632	11850	seob5707	11910	seob5776	11970	seob5846
11731	seob5566	11791	seob5633	11851	seob5708	11911	seob5777	11971	seob5847
11732	seob5567	11792	seob5634	11852	seob5709	11912	seob5778	11972	seob5848
11733	seob5568	11793	seob5635	11853	seob5710	11913	seob5779	11973	seob5849
11734	seob5569	11794	seob5636	11854	seob5711	11914	seob5780	11974	seob5850
11735	seob5570	11795	seob5638	11855	seob5714	11915	seob5781	11975	seob5851
11736	seob5572	11796	seob5639	11856	seob5715	11916	seob5782	11976	seob5852
11737	seob5573	11797	seob5640	11857	seob5716	11917	seob5784	11977	seob5853
11738	seob5574	11798	seob5641	11858	seob5717	11918	seob5785	11978	seob5855
11739	seob5575	11799	seob5642	11859	seob5718	11919	seob5786	11979	seob5856
11740	seob5576	11800	seob5643	11860	seob5720	11920	seob5787	11980	seob5857
11741	seob5578	11801	seob5644	11861	seob5721	11921	seob5788	11981	seob5858
11742	seob5579	11802	seob5645	11862	seob5723	11922	seob5789	11982	seob5859
11743	seob5580	11803	seob5646	11863	seob5724	11923	seob5790	11983	seob5860
11744	seob5581	11804	seob5647	11864	seob5725	11924	seob5791	11984	seob5861
11745	seob5582	11805	seob5648	11865	seob5726	11925	seob5792	11985	seob5862
11746	seob5583	11806	seob5649	11866	seob5727	11926	seob5793	11986	seob5863
11747	seob5584	11807	seob5650	11867	seob5728	11927	seob5794	11987	seob5864
11748	seob5585	11808	seob5651	11868	seob5730	11928	seob5796	11988	seob5865
11749	seob5586	11809	seob5652	11869	seob5731	11929	seob5797	11989	seob5866
11750	seob5587	11810	seob5653	11870	seob5733	11930	seob5798	11990	seob5867
11751	seob5588	11811	seob5656	11871	seob5734	11931	seob5800	11991	seob5869
11752	seob5589	11812	seob5657	11872	seob5735	11932	seob5801	11992	seob5871
11753	seob5590	11813	seob5658	11873	seob5736	11933	seob5802	11993	seob5872
11754	seob5592	11814	seob5659	11874	seob5738	11934	seob5803	11994	seob5873
11755	seob5593	11815	seob5660	11875	seob5739	11935	seob5806	11995	seob5876
11756	seob5594	11816	seob5661	11876	seob5740	11936	seob5807	11996	seob5877
11757	seob5595	11817	seob5662	11877	seob5741	11937	seob5809	11997	seob5878
11758	seob5596	11818	seob5663	11878	seob5742	11938	seob5811	11998	seob5879
11759	seob5597	11819	seob5664	11879	seob5743	11939	seob5812	11999	seob5880
11760	seob5598	11820	seob5665	11880	seob5744	11940	seob5813	12000	seob5881

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12001	seob5882	12061	seob5957	12121	seob6024	12181	seob6095	12241	seob6164
12002	seob5884	12062	seob5958	12122	seob6025	12182	seob6096	12242	seob6165
12003	seob5885	12063	seob5960	12123	seob6026	12183	seob6097	12243	seob6167
12004	seob5886	12064	seob5961	12124	seob6027	12184	seob6098	12244	seob6169
12005	seob5887	12065	seob5962	12125	seob6028	12185	seob6099	12245	seob6170
12006	seob5888	12066	seob5963	12126	seob6029	12186	seob6100	12246	seob6171
12007	seob5889	12067	seob5964	12127	seob6030	12187	seob6101	12247	seob6173
12008	seob5890	12068	seob5966	12128	seob6031	12188	seob6102	12248	seob6175
12009	seob5891	12069	seob5967	12129	seob6032	12189	seob6103	12249	seob6176
12010	seob5892	12070	seob5969	12130	seob6033	12190	seob6104	12250	seob6177
12011	seob5893	12071	seob5970	12131	seob6034	12191	seob6105	12251	seob6178
12012	seob5894	12072	seob5972	12132	seob6036	12192	seob6106	12252	seob6179
12013	seob5895	12073	seob5973	12133	seob6037	12193	seob6107	12253	seob6181
12014	seob5896	12074	seob5974	12134	seob6039	12194	seob6108	12254	seob6182
12015	seob5897	12075	seob5976	12135	seob6040	12195	seob6109	12255	seob6183
12016	seob5899	12076	seob5977	12136	seob6041	12196	seob6111	12256	seob6184
12017	seob5900	12077	seob5978	12137	seob6042	12197	seob6112	12257	seob6185
12018	seob5902	12078	seob5979	12138	seob6043	12198	seob6113	12258	seob6186
12019	seob5903	12079	seob5980	12139	seob6044	12199	seob6114	12259	seob6187
12020	seob5904	12080	seob5981	12140	seob6045	12200	seob6115	12260	seob6188
12021	seob5905	12081	seob5982	12141	seob6046	12201	seob6116	12261	seob6189
12022	seob5906	12082	seob5983	12142	seob6047	12202	seob6117	12262	seob6190
12023	seob5908	12083	seob5984	12143	seob6048	12203	seob6119	12263	seob6192
12024	seob5909	12084	seob5985	12144	seob6049	12204	seob6120	12264	seob6193
12025	seob5910	12085	seob5986	12145	seob6050	12205	seob6122	12265	seob6194
12026	seob5911	12086	seob5987	12146	seob6052	12206	seob6123	12266	seob6196
12027	seob5914	12087	seob5988	12147	seob6054	12207	seob6125	12267	seob6197
12028	seob5915	12088	seob5989	12148	seob6056	12208	seob6126	12268	seob6198
12029	seob5917	12089	seob5990	12149	seob6057	12209	seob6127	12269	seob6200
12030	seob5919	12090	seob5991	12150	seob6058	12210	seob6128	12270	seob6201
12031	seob5921	12091	seob5992	12151	seob6060	12211	seob6130	12271	seob6202
12032	seob5922	12092	seob5993	12152	seob6061	12212	seob6131	12272	seob6203
12033	seob5924	12093	seob5994	12153	seob6062	12213	seob6132	12273	seob6204
12034	seob5925	12094	seob5995	12154	seob6064	12214	seob6133	12274	seob6205
12035	seob5926	12095	seob5996	12155	seob6066	12215	seob6134	12275	seob6206
12036	seob5927	12096	seob5997	12156	seob6067	12216	seob6135	12276	seob6207
12037	seob5929	12097	seob5999	12157	seob6068	12217	seob6136	12277	seob6208
12038	seob5930	12098	seob6000	12158	seob6069	12218	seob6137	12278	seob6211
12039	seob5931	12099	seob6001	12159	seob6072	12219	seob6138	12279	seob6212
12040	seob5932	12100	seob6002	12160	seob6073	12220	seob6139	12280	seob6213
12041	seob5933	12101	seob6003	12161	seob6074	12221	seob6140	12281	seob6214
12042	seob5934	12102	seob6004	12162	seob6075	12222	seob6141	12282	seob6215
12043	seob5935	12103	seob6005	12163	seob6076	12223	seob6142	12283	seob6216
12044	seob5936	12104	seob6006	12164	seob6077	12224	seob6143	12284	seob6217
12045	seob5937	12105	seob6007	12165	seob6078	12225	seob6144	12285	seob6218
12046	seob5938	12106	seob6008	12166	seob6079	12226	seob6145	12286	seob6221
12047	seob5939	12107	seob6009	12167	seob6080	12227	seob6146	12287	seob6223
12048	seob5940	12108	seob6010	12168	seob6081	12228	seob6147	12288	seob6224
12049	seob5941	12109	seob6011	12169	seob6082	12229	seob6148	12289	seob6226
12050	seob5942	12110	seob6012	12170	seob6084	12230	seob6149	12290	seob6227
12051	seob5943	12111	seob6013	12171	seob6085	12231	seob6150	12291	seob6228
12052	seob5944	12112	seob6014	12172	seob6086	12232	seob6151	12292	seob6229
12053	seob5945	12113	seob6015	12173	seob6087	12233	seob6152	12293	seob6230
12054	seob5946	12114	seob6017	12174	seob6088	12234	seob6153	12294	seob6231
12055	seob5947	12115	seob6018	12175	seob6089	12235	seob6156	12295	seob6232
12056	seob5948	12116	seob6019	12176	seob6090	12236	seob6157	12296	seob6234
12057	seob5951	12117	seob6020	12177	seob6091	12237	seob6159	12297	seob6236
12058	seob5954	12118	seob6021	12178	seob6092	12238	seob6160	12298	seob6237
12059	seob5955	12119	seob6022	12179	seob6093	12239	seob6161	12299	seob6238
12060	seob5956	12120	seob6023	12180	seob6094	12240	seob6162	12300	seob6239

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12301	seob6240	12361	seob6310	12421	seob6386	12481	seob6463	12541	seob6541
12302	seob6242	12362	seob6311	12422	seob6387	12482	seob6464	12542	seob6542
12303	seob6243	12363	seob6312	12423	seob6389	12483	seob6465	12543	seob6543
12304	seob6244	12364	seob6313	12424	seob6390	12484	seob6467	12544	seob6544
12305	seob6245	12365	seob6314	12425	seob6391	12485	seob6469	12545	seob6545
12306	seob6246	12366	seob6315	12426	seob6393	12486	seob6470	12546	seob6546
12307	seob6247	12367	seob6316	12427	seob6395	12487	seob6471	12547	seob6547
12308	seob6248	12368	seob6318	12428	seob6396	12488	seob6472	12548	seob6548
12309	seob6250	12369	seob6319	12429	seob6397	12489	seob6473	12549	seob6549
12310	seob6251	12370	seob6320	12430	seob6398	12490	seob6474	12550	seob6550
12311	seob6252	12371	seob6321	12431	seob6399	12491	seob6479	12551	seob6552
12312	seob6253	12372	seob6322	12432	seob6401	12492	seob6480	12552	seob6553
12313	seob6254	12373	seob6323	12433	seob6402	12493	seob6481	12553	seob6554
12314	seob6255	12374	seob6324	12434	seob6403	12494	seob6482	12554	seob6555
12315	seob6256	12375	seob6325	12435	seob6405	12495	seob6483	12555	seob6556
12316	seob6257	12376	seob6327	12436	seob6407	12496	seob6484	12556	seob6557
12317	seob6258	12377	seob6328	12437	seob6408	12497	seob6486	12557	seob6558
12318	seob6259	12378	seob6329	12438	seob6409	12498	seob6489	12558	seob6559
12319	seob6260	12379	seob6330	12439	seob6410	12499	seob6490	12559	seob6560
12320	seob6261	12380	seob6333	12440	seob6411	12500	seob6491	12560	seob6562
12321	seob6262	12381	seob6334	12441	seob6412	12501	seob6492	12561	seob6563
12322	seob6264	12382	seob6335	12442	seob6413	12502	seob6494	12562	seob6564
12323	seob6265	12383	seob6336	12443	seob6414	12503	seob6495	12563	seob6565
12324	seob6266	12384	seob6337	12444	seob6415	12504	seob6499	12564	seob6566
12325	seob6268	12385	seob6338	12445	seob6416	12505	seob6500	12565	seob6567
12326	seob6270	12386	seob6339	12446	seob6417	12506	seob6501	12566	seob6568
12327	seob6271	12387	seob6342	12447	seob6418	12507	seob6502	12567	seob6569
12328	seob6272	12388	seob6343	12448	seob6419	12508	seob6503	12568	seob6570
12329	seob6273	12389	seob6344	12449	seob6422	12509	seob6504	12569	seob6571
12330	seob6275	12390	seob6345	12450	seob6424	12510	seob6505	12570	seob6572
12331	seob6277	12391	seob6346	12451	seob6425	12511	seob6506	12571	seob6573
12332	seob6278	12392	seob6348	12452	seob6426	12512	seob6507	12572	seob6574
12333	seob6279	12393	seob6349	12453	seob6427	12513	seob6508	12573	seob6575
12334	seob6280	12394	seob6350	12454	seob6428	12514	seob6510	12574	seob6576
12335	seob6281	12395	seob6351	12455	seob6429	12515	seob6511	12575	seob6577
12336	seob6282	12396	seob6352	12456	seob6431	12516	seob6512	12576	seob6579
12337	seob6283	12397	seob6353	12457	seob6432	12517	seob6513	12577	seob6580
12338	seob6284	12398	seob6354	12458	seob6433	12518	seob6514	12578	seob6581
12339	seob6285	12399	seob6355	12459	seob6434	12519	seob6515	12579	seob6582
12340	seob6287	12400	seob6357	12460	seob6435	12520	seob6516	12580	seob6583
12341	seob6288	12401	seob6358	12461	seob6436	12521	seob6517	12581	seob6584
12342	seob6289	12402	seob6360	12462	seob6437	12522	seob6519	12582	seob6585
12343	seob6290	12403	seob6361	12463	seob6438	12523	seob6520	12583	seob6586
12344	seob6291	12404	seob6363	12464	seob6439	12524	seob6521	12584	seob6587
12345	seob6292	12405	seob6364	12465	seob6440	12525	seob6522	12585	seob6588
12346	seob6293	12406	seob6368	12466	seob6441	12526	seob6524	12586	seob6589
12347	seob6294	12407	seob6370	12467	seob6444	12527	seob6525	12587	seob6590
12348	seob6295	12408	seob6371	12468	seob6446	12528	seob6526	12588	seob6591
12349	seob6296	12409	seob6372	12469	seob6448	12529	seob6527	12589	seob6592
12350	seob6297	12410	seob6373	12470	seob6449	12530	seob6528	12590	seob6593
12351	seob6298	12411	seob6374	12471	seob6450	12531	seob6530	12591	seob6595
12352	seob6299	12412	seob6376	12472	seob6451	12532	seob6532	12592	seob6596
12353	seob6301	12413	seob6377	12473	seob6453	12533	seob6533	12593	seob6597
12354	seob6302	12414	seob6378	12474	seob6454	12534	seob6534	12594	seob6598
12355	seob6303	12415	seob6379	12475	seob6455	12535	seob6535	12595	seob6599
12356	seob6305	12416	seob6380	12476	seob6456	12536	seob6536	12596	seob6600
12357	seob6306	12417	seob6381	12477	seob6457	12537	seob6537	12597	seob6601
12358	seob6307	12418	seob6382	12478	seob6458	12538	seob6538	12598	seob6602
12359	seob6308	12419	seob6383	12479	seob6460	12539	seob6539	12599	seob6603
12360	seob6309	12420	seob6384	12480	seob6462	12540	seob6540	12600	seob6605

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12601	seob6606	12661	seob6675	12721	seob6747	12781	seob6814	12841	seob6881
12602	seob6607	12662	seob6676	12722	seob6748	12782	seob6816	12842	seob6882
12603	seob6608	12663	seob6678	12723	seob6749	12783	seob6817	12843	seob6883
12604	seob6609	12664	seob6679	12724	seob6751	12784	seob6818	12844	seob6884
12605	seob6611	12665	seob6680	12725	seob6752	12785	seob6820	12845	seob6886
12606	seob6612	12666	seob6681	12726	seob6754	12786	seob6821	12846	seob6887
12607	seob6613	12667	seob6682	12727	seob6755	12787	seob6822	12847	seob6889
12608	seob6614	12668	seob6683	12728	seob6756	12788	seob6823	12848	seob6890
12609	seob6616	12669	seob6685	12729	seob6757	12789	seob6824	12849	seob6891
12610	seob6617	12670	seob6686	12730	seob6758	12790	seob6826	12850	seob6892
12611	seob6618	12671	seob6687	12731	seob6759	12791	seob6827	12851	seob6893
12612	seob6619	12672	seob6688	12732	seob6762	12792	seob6828	12852	seob6894
12613	seob6622	12673	seob6689	12733	seob6763	12793	seob6829	12853	seob6895
12614	seob6623	12674	seob6690	12734	seob6764	12794	seob6830	12854	seob6897
12615	seob6624	12675	seob6691	12735	seob6765	12795	seob6832	12855	seob6898
12616	seob6625	12676	seob6692	12736	seob6766	12796	seob6833	12856	seob6899
12617	seob6626	12677	seob6693	12737	seob6767	12797	seob6834	12857	seob6900
12618	seob6627	12678	seob6694	12738	seob6768	12798	seob6835	12858	seob6901
12619	seob6628	12679	seob6695	12739	seob6769	12799	seob6836	12859	seob6902
12620	seob6629	12680	seob6696	12740	seob6770	12800	seob6837	12860	seob6904
12621	seob6630	12681	seob6697	12741	seob6771	12801	seob6838	12861	seob6905
12622	seob6631	12682	seob6699	12742	seob6772	12802	seob6840	12862	seob7002
12623	seob6632	12683	seob6700	12743	seob6773	12803	seob6841	12863	seob7003
12624	seob6633	12684	seob6701	12744	seob6774	12804	seob6842	12864	seob7004
12625	seob6635	12685	seob6703	12745	seob6775	12805	seob6843	12865	seob7005
12626	seob6636	12686	seob6704	12746	seob6776	12806	seob6844	12866	seob7006
12627	seob6637	12687	seob6705	12747	seob6777	12807	seob6845	12867	seob7007
12628	seob6638	12688	seob6707	12748	seob6778	12808	seob6846	12868	seob7008
12629	seob6639	12689	seob6708	12749	seob6779	12809	seob6847	12869	seob7010
12630	seob6640	12690	seob6710	12750	seob6780	12810	seob6848	12870	seob7011
12631	seob6641	12691	seob6711	12751	seob6781	12811	seob6849	12871	seob7012
12632	seob6642	12692	seob6713	12752	seob6782	12812	seob6850	12872	seob7013
12633	seob6643	12693	seob6714	12753	seob6783	12813	seob6851	12873	seob7014
12634	seob6644	12694	seob6716	12754	seob6784	12814	seob6852	12874	seob7015
12635	seob6645	12695	seob6717	12755	seob6785	12815	seob6853	12875	seob7016
12636	seob6646	12696	seob6718	12756	seob6786	12816	seob6854	12876	seob7017
12637	seob6647	12697	seob6720	12757	seob6787	12817	seob6855	12877	seob7019
12638	seob6648	12698	seob6721	12758	seob6788	12818	seob6856	12878	seob7020
12639	seob6649	12699	seob6722	12759	seob6789	12819	seob6857	12879	seob7021
12640	seob6650	12700	seob6723	12760	seob6790	12820	seob6858	12880	seob7022
12641	seob6651	12701	seob6724	12761	seob6791	12821	seob6859	12881	seob7023
12642	seob6652	12702	seob6725	12762	seob6792	12822	seob6860	12882	seob7024
12643	seob6653	12703	seob6726	12763	seob6793	12823	seob6861	12883	seob7025
12644	seob6654	12704	seob6727	12764	seob6794	12824	seob6862	12884	seob7026
12645	seob6655	12705	seob6728	12765	seob6795	12825	seob6863	12885	seob7027
12646	seob6656	12706	seob6729	12766	seob6796	12826	seob6864	12886	seob7028
12647	seob6658	12707	seob6730	12767	seob6797	12827	seob6865	12887	seob7030
12648	seob6659	12708	seob6731	12768	seob6798	12828	seob6868	12888	seob7031
12649	seob6660	12709	seob6732	12769	seob6799	12829	seob6869	12889	seob7032
12650	seob6661	12710	seob6733	12770	seob6800	12830	seob6870	12890	seob7033
12651	seob6662	12711	seob6734	12771	seob6801	12831	seob6871	12891	seob7035
12652	seob6663	12712	seob6736	12772	seob6802	12832	seob6872	12892	seob7036
12653	seob6664	12713	seob6737	12773	seob6803	12833	seob6873	12893	seob7037
12654	seob6665	12714	seob6738	12774	seob6805	12834	seob6874	12894	seob7038n
12655	seob6667	12715	seob6739	12775	seob6806	12835	seob6875	12895	seob7039
12656	seob6668	12716	seob6741	12776	seob6807	12836	seob6876	12896	seob7040
12657	seob6669	12717	seob6742	12777	seob6808	12837	seob6877	12897	seob7041
12658	seob6670	12718	seob6744	12778	seob6809	12838	seob6878	12898	seob7042
12659	seob6671	12719	seob6745	12779	seob6812	12839	seob6879	12899	seob7043
12660	seob6674	12720	seob6746	12780	seob6813	12840	seob6880	12900	seob7044

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12901	seob7045	12961	seob7118	13021	seob7200	13081	seob7284	13141	seob7357
12902	seob7046	12962	seob7119	13022	seob7201	13082	seob7285	13142	seob7358
12903	seob7047	12963	seob7120	13023	seob7202	13083	seob7286	13143	seob7360
12904	seob7049	12964	seob7123	13024	seob7203	13084	seob7287	13144	seob7361
12905	seob7050	12965	seob7124	13025	seob7205	13085	seob7288	13145	seob7362
12906	seob7051	12966	seob7125	13026	seob7207	13086	seob7289	13146	seob7364
12907	seob7052	12967	seob7126	13027	seob7208	13087	seob7290	13147	seob7365
12908	seob7053	12968	seob7127	13028	seob7209	13088	seob7292	13148	seob7366
12909	seob7055	12969	seob7128	13029	seob7210	13089	seob7293	13149	seob7367
12910	seob7056	12970	seob7129	13030	seob7212	13090	seob7294	13150	seob7368
12911	seob7057	12971	seob7130	13031	seob7213	13091	seob7296	13151	seob7369
12912	seob7058	12972	seob7131	13032	seob7216	13092	seob7297	13152	seob7370
12913	seob7060	12973	seob7132	13033	seob7217	13093	seob7298	13153	seob7373
12914	seob7061	12974	seob7135	13034	seob7218	13094	seob7301	13154	seob7374
12915	seob7062	12975	seob7136	13035	seob7220	13095	seob7302	13155	seob7375
12916	seob7063	12976	seob7138	13036	seob7222	13096	seob7304	13156	seob7376
12917	seob7064	12977	seob7139	13037	seob7224	13097	seob7305	13157	seob7377
12918	seob7065	12978	seob7140	13038	seob7225	13098	seob7306	13158	seob7378
12919	seob7067	12979	seob7143	13039	seob7226	13099	seob7307	13159	seob7379
12920	seob7068	12980	seob7144	13040	seob7227	13100	seob7308	13160	seob7380
12921	seob7069	12981	seob7148	13041	seob7228	13101	seob7309	13161	seob7381
12922	seob7070	12982	seob7151	13042	seob7229	13102	seob7310	13162	seob7382
12923	seob7071	12983	seob7152	13043	seob7231	13103	seob7311	13163	seob7383
12924	seob7072	12984	seob7153	13044	seob7232	13104	seob7313	13164	seob7384
12925	seob7073	12985	seob7154	13045	seob7233	13105	seob7314	13165	seob7385
12926	seob7074	12986	seob7155	13046	seob7234	13106	seob7315	13166	seob7388
12927	seob7075	12987	seob7156	13047	seob7235	13107	seob7317	13167	seob7389
12928	seob7076	12988	seob7157	13048	seob7237	13108	seob7318	13168	seob7390
12929	seob7077	12989	seob7158	13049	seob7239	13109	seob7320	13169	seob7392
12930	seob7078	12990	seob7159	13050	seob7240	13110	seob7321	13170	seob7393
12931	seob7079	12991	seob7160	13051	seob7241	13111	seob7322	13171	seob7394
12932	seob7081	12992	seob7161	13052	seob7243	13112	seob7324	13172	seob7396
12933	seob7082	12993	seob7162	13053	seob7244	13113	seob7326	13173	seob7397
12934	seob7083	12994	seob7163	13054	seob7245	13114	seob7327	13174	seob7398
12935	seob7086	12995	seob7164	13055	seob7246	13115	seob7328	13175	seob7399
12936	seob7087	12996	seob7165	13056	seob7247	13116	seob7329	13176	seob7400
12937	seob7088	12997	seob7166	13057	seob7248	13117	seob7330	13177	seob7401
12938	seob7089	12998	seob7167	13058	seob7249	13118	seob7331	13178	seob7402
12939	seob7091	12999	seob7169	13059	seob7250	13119	seob7332	13179	seob7403
12940	seob7093	13000	seob7171	13060	seob7251	13120	seob7333	13180	seob7404
12941	seob7094	13001	seob7172	13061	seob7252	13121	seob7334	13181	seob7405
12942	seob7095	13002	seob7173	13062	seob7253	13122	seob7335	13182	seob7406
12943	seob7096	13003	seob7175	13063	seob7254	13123	seob7336	13183	seob7407
12944	seob7097	13004	seob7176	13064	seob7255	13124	seob7337	13184	seob7408
12945	seob7098	13005	seob7177	13065	seob7256	13125	seob7338	13185	seob7409
12946	seob7099	13006	seob7179	13066	seob7257	13126	seob7339	13186	seob7410
12947	seob7100	13007	seob7180	13067	seob7258	13127	seob7340	13187	seob7411
12948	seob7101	13008	seob7182	13068	seob7259	13128	seob7341	13188	seob7412
12949	seob7102	13009	seob7184	13069	seob7261	13129	seob7342	13189	seob7413
12950	seob7103n	13010	seob7185	13070	seob7262	13130	seob7345	13190	seob7414
12951	seob7104	13011	seob7186	13071	seob7263	13131	seob7346	13191	seob7416
12952	seob7105	13012	seob7187	13072	seob7264	13132	seob7347	13192	seob7417
12953	seob7107	13013	seob7188	13073	seob7265	13133	seob7348	13193	seob7418
12954	seob7108	13014	seob7189	13074	seob7266	13134	seob7349	13194	seob7419
12955	seob7110	13015	seob7190	13075	seob7273	13135	seob7350	13195	seob7420
12956	seob7111	13016	seob7191	13076	seob7274	13136	seob7351	13196	seob7421
12957	seob7112	13017	seob7193	13077	seob7275	13137	seob7352	13197	seob7422
12958	seob7114	13018	seob7194	13078	seob7277	13138	seob7354	13198	seob7423
12959	seob7115	13019	seob7196	13079	seob7278	13139	seob7355	13199	seob7424
12960	seob7117	13020	seob7199	13080	seob7282	13140	seob7356	13200	seob7425



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13201	seob7427	13261	seob7498	13321	seob7568	13381	seob7640	13441	seob7715
13202	seob7428	13262	seob7499	13322	seob7569	13382	seob7641	13442	seob7720
13203	seob7429	13263	seob7500	13323	seob7570	13383	seob7642	13443	seob7722
13204	seob7430	13264	seob7501	13324	seob7571	13384	seob7643	13444	seob7723
13205	seob7431	13265	seob7502	13325	seob7572	13385	seob7645	13445	seob7724
13206	seob7432	13266	seob7504	13326	seob7573	13386	seob7646	13446	seob7726
13207	seob7433	13267	seob7505	13327	seob7575	13387	seob7647	13447	seob7728
13208	seob7434	13268	seob7506	13328	seob7576	13388	seob7648	13448	seob7729
13209	seob7435	13269	seob7507	13329	seob7577	13389	seob7649	13449	seob7730
13210	seob7436	13270	seob7508	13330	seob7578	13390	seob7651	13450	seob7732
13211	seob7437	13271	seob7509	13331	seob7580	13391	seob7652	13451	seob7733
13212	seob7438	13272	seob7510	13332	seob7581	13392	seob7653	13452	seob7737
13213	seob7439	13273	seob7512	13333	seob7582	13393	seob7654	13453	seob7738
13214	seob7440	13274	seob7514	13334	seob7584	13394	seob7655	13454	seob7739
13215	seob7441	13275	seob7515	13335	seob7585	13395	seob7656	13455	seob7740
13216	seob7442	13276	seob7516	13336	seob7586	13396	seob7658	13456	seob7741
13217	seob7443	13277	seob7517	13337	seob7588	13397	seob7659	13457	seob7742
13218	seob7444	13278	seob7518	13338	seob7589	13398	seob7660	13458	seob7743
13219	seob7445	13279	seob7519	13339	seob7590	13399	seob7661	13459	seob7744
13220	seob7446	13280	seob7521	13340	seob7591	13400	seob7662	13460	seob7745
13221	seob7447	13281	seob7523	13341	seob7592	13401	seob7663	13461	seob7746
13222	seob7448	13282	seob7524	13342	seob7593	13402	seob7664	13462	seob7747
13223	seob7449	13283	seob7525	13343	seob7594	13403	seob7665	13463	seob7748
13224	seob7450	13284	seob7527	13344	seob7595	13404	seob7666	13464	seob7749
13225	seob7451	13285	seob7528	13345	seob7596	13405	seob7667	13465	seob7750
13226	seob7452	13286	seob7529	13346	seob7597	13406	seob7668	13466	seob7751
13227	seob7454	13287	seob7530	13347	seob7600	13407	seob7669	13467	seob7752
13228	seob7457	13288	seob7531	13348	seob7601	13408	seob7670	13468	seob7753
13229	seob7458	13289	seob7532	13349	seob7602	13409	seob7674	13469	seob7754
13230	seob7459	13290	seob7533	13350	seob7603	13410	seob7675	13470	seob7755
13231	seob7460	13291	seob7534	13351	seob7604	13411	seob7678	13471	seob7756
13232	seob7461	13292	seob7535	13352	seob7608	13412	seob7679	13472	seob7757
13233	seob7462	13293	seob7536	13353	seob7610	13413	seob7680	13473	seob7758
13234	seob7463	13294	seob7537	13354	seob7611	13414	seob7681	13474	seob7759
13235	seob7464	13295	seob7538	13355	seob7612	13415	seob7682	13475	seob7760
13236	seob7465	13296	seob7539	13356	seob7613	13416	seob7684	13476	seob7763
13237	seob7466	13297	seob7540	13357	seob7614	13417	seob7685	13477	seob7764
13238	seob7467	13298	seob7541	13358	seob7615	13418	seob7686	13478	seob7765
13239	seob7469	13299	seob7543	13359	seob7617	13419	seob7687	13479	seob7766
13240	seob7470	13300	seob7544	13360	seob7618	13420	seob7689	13480	seob7769
13241	seob7471	13301	seob7545	13361	seob7619	13421	seob7691	13481	seob7866
13242	seob7472	13302	seob7546	13362	seob7620	13422	seob7692	13482	seob7868
13243	seob7473	13303	seob7547	13363	seob7621	13423	seob7693	13483	seob7869
13244	seob7474	13304	seob7548	13364	seob7622	13424	seob7694	13484	seob7870
13245	seob7475	13305	seob7549	13365	seob7623	13425	seob7695	13485	seob7871
13246	seob7476	13306	seob7550	13366	seob7624	13426	seob7696	13486	seob7872
13247	seob7477	13307	seob7551	13367	seob7625	13427	seob7698	13487	seob7873
13248	seob7478	13308	seob7552	13368	seob7626	13428	seob7699	13488	seob7874
13249	seob7479	13309	seob7553	13369	seob7627	13429	seob7701	13489	seob7875
13250	seob7482	13310	seob7554	13370	seob7629	13430	seob7702	13490	seob7876
13251	seob7484	13311	seob7555	13371	seob7630	13431	seob7703	13491	seob7877
13252	seob7485	13312	seob7556	13372	seob7631	13432	seob7704	13492	seob7878
13253	seob7486	13313	seob7557	13373	seob7632	13433	seob7705	13493	seob7879
13254	seob7488	13314	seob7558	13374	seob7633	13434	seob7706	13494	seob7880
13255	seob7490	13315	seob7561	13375	seob7634	13435	seob7707	13495	seob7883
13256	seob7492	13316	seob7562	13376	seob7635	13436	seob7709	13496	seob7885
13257	seob7493	13317	seob7563	13377	seob7636	13437	seob7710	13497	seob7886
13258	seob7494	13318	seob7564	13378	seob7637	13438	seob7711	13498	seob7887
13259	seob7495	13319	seob7566	13379	seob7638	13439	seob7712	13499	seob7888
13260	seob7497	13320	seob7567	13380	seob7639	13440	seob7714	13500	seob7889



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13501	seob7890	13561	seob7965	13621	seob8039	13681	seob8141	13741	seob8227
13502	seob7891	13562	seob7966	13622	seob8040	13682	seob8154	13742	seob8229
13503	seob7893	13563	seob7968	13623	seob8041	13683	seob8155	13743	seob8231
13504	seob7895	13564	seob7969	13624	seob8042	13684	seob8157	13744	seob8232
13505	seob7896	13565	seob7970	13625	seob8044	13685	seob8158	13745	seob8233
13506	seob7897	13566	seob7972	13626	seob8045	13686	seob8159	13746	seob8235
13507	seob7898	13567	seob7973	13627	seob8046	13687	seob8160	13747	seob8236
13508	seob7899	13568	seob7974	13628	seob8047	13688	seob8161	13748	seob8237
13509	seob7900	13569	seob7975	13629	seob8048	13689	seob8162	13749	seob8238
13510	seob7901	13570	seob7977	13630	seob8051	13690	seob8163	13750	seob8239
13511	seob7902	13571	seob7978	13631	seob8052	13691	seob8164	13751	seob8240
13512	seob7903	13572	seob7979	13632	seob8053	13692	seob8166	13752	seob8241
13513	seob7905	13573	seob7980	13633	seob8054	13693	seob8167	13753	seob8242
13514	seob7906	13574	seob7981	13634	seob8055	13694	seob8168	13754	seob8243
13515	seob7907	13575	seob7982	13635	seob8060	13695	seob8169	13755	seob8244
13516	seob7908	13576	seob7983	13636	seob8063	13696	seob8171	13756	seob8245
13517	seob7909	13577	seob7984	13637	seob8065	13697	seob8172	13757	seob8246
13518	seob7910	13578	seob7986	13638	seob8066	13698	seob8173	13758	seob8247
13519	seob7911	13579	seob7987	13639	seob8067	13699	seob8174	13759	seob8248
13520	seob7912	13580	seob7989	13640	seob8068	13700	seob8176	13760	seob8249
13521	seob7915	13581	seob7990	13641	seob8069	13701	seob8177	13761	seob8250
13522	seob7916	13582	seob7992	13642	seob8071	13702	seob8178	13762	seob8252
13523	seob7917	13583	seob7993	13643	seob8072	13703	seob8179	13763	seob8254
13524	seob7918	13584	seob7994	13644	seob8073	13704	seob8180	13764	seob8255
13525	seob7919	13585	seob7995	13645	seob8076	13705	seob8181	13765	seob8256
13526	seob7920	13586	seob7996	13646	seob8077	13706	seob8182	13766	seob8257
13527	seob7921	13587	seob7998	13647	seob8078	13707	seob8184	13767	seob8258
13528	seob7923	13588	seob7999	13648	seob8079	13708	seob8185	13768	seob8260
13529	seob7924	13589	seob8000	13649	seob8080	13709	seob8186	13769	seob8261
13530	seob7926	13590	seob8001	13650	seob8081	13710	seob8187	13770	seob8262
13531	seob7928	13591	seob8002	13651	seob8082	13711	seob8188	13771	seob8263
13532	seob7929	13592	seob8004	13652	seob8083	13712	seob8189	13772	seob8264
13533	seob7930	13593	seob8006	13653	seob8084	13713	seob8190	13773	seob8265
13534	seob7931	13594	seob8007	13654	seob8085	13714	seob8191	13774	seob8266
13535	seob7933	13595	seob8008	13655	seob8086	13715	seob8192	13775	seob8267
13536	seob7934	13596	seob8009	13656	seob8087	13716	seob8193	13776	seob8268
13537	seob7935	13597	seob8010	13657	seob8088	13717	seob8194	13777	seob8269
13538	seob7936	13598	seob8011	13658	seob8089	13718	seob8196	13778	seob8271
13539	seob7937	13599	seob8012	13659	seob8090	13719	seob8198	13779	seob8275
13540	seob7938	13600	seob8013	13660	seob8092	13720	seob8200	13780	seob8276
13541	seob7939	13601	seob8015	13661	seob8093	13721	seob8202	13781	seob8277
13542	seob7940	13602	seob8016	13662	seob8094	13722	seob8204	13782	seob8278
13543	seob7941	13603	seob8017	13663	seob8095	13723	seob8205	13783	seob8279
13544	seob7942	13604	seob8018	13664	seob8096	13724	seob8207	13784	seob8280
13545	seob7944	13605	seob8019	13665	seob8097	13725	seob8208	13785	seob8281
13546	seob7945	13606	seob8020	13666	seob8099	13726	seob8209	13786	seob8282
13547	seob7946	13607	seob8021	13667	seob8100	13727	seob8210	13787	seob8284
13548	seob7947	13608	seob8022	13668	seob8101	13728	seob8211	13788	seob8285
13549	seob7948	13609	seob8024	13669	seob8102	13729	seob8212	13789	seob8286
13550	seob7949	13610	seob8025	13670	seob8104	13730	seob8214	13790	seob8287
13551	seob7951	13611	seob8026	13671	seob8106	13731	seob8215	13791	seob8288
13552	seob7952	13612	seob8027	13672	seob8107	13732	seob8216	13792	seob8289
13553	seob7953	13613	seob8028	13673	seob8108	13733	seob8217	13793	seob8291
13554	seob7954	13614	seob8029	13674	seob8110	13734	seob8219	13794	seob8292
13555	seob7955	13615	seob8030	13675	seob8129	13735	seob8220	13795	seob8293
13556	seob7956	13616	seob8031	13676	seob8130	13736	seob8221	13796	seob8294
13557	seob7957	13617	seob8032	13677	seob8132	13737	seob8223	13797	seob8296
13558	seob7958	13618	seob8034	13678	seob8135	13738	seob8224	13798	seob8297
13559	seob7960	13619	seob8035	13679	seob8138	13739	seob8225	13799	seob8298
13560	seob7962	13620	seob8037	13680	seob8140	13740	seob8226	13800	seob8299

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13801	seob8300	13861	SOA0046	13921	soa0196n	13981	soa0292n	14041	SOA0393
13802	seob8301	13862	SOA0047	13922	soa0197n	13982	soa0294n	14042	SOA0397
13803	seob8303	13863	soa0049n	13923	soa0198n	13983	soa0298n	14043	SOA0399
13804	seob8305	13864	SOA0050	13924	soa0201n	13984	soa0300n	14044	SOA0401
13805	seob8306	13865	soa0053n	13925	soa0204n	13985	soa0301n	14045	SOA0403
13806	seob8308	13866	SOA0055	13926	SOA0207	13986	SOA0303	14046	soa0405n
13807	seob8309	13867	SOA0056	13927	SOA0208	13987	SOA0304	14047	SOA0406
13808	seob8310	13868	SOA0058	13928	SOA0209	13988	soa0306n	14048	SOA0409
13809	seob8311	13869	SOA0059	13929	SOA0210	13989	SOA0307	14049	SOA0410
13810	seob8312	13870	SOA0060	13930	SOA0212	13990	SOA0308	14050	SOA0411
13811	seob8313	13871	SOA0064	13931	SOA0213	13991	SOA0310	14051	SOA0412
13812	seob8314	13872	SOA0065	13932	SOA0214	13992	SOA0315	14052	SOA0413
13813	seob8315	13873	SOA0068	13933	SOA0215	13993	SOA0317	14053	SOA0415
13814	seob8317	13874	SOA0070	13934	SOA0216	13994	SOA0319	14054	SOA0416
13815	seob8319	13875	SOA0071	13935	SOA0217	13995	SOA0322	14055	SOA0417
13816	seob8320	13876	SOA0076	13936	SOA0219	13996	SOA0323	14056	SOA0419
13817	seob8321	13877	SOA0077	13937	SOA0220	13997	SOA0327	14057	SOA0420
13818	seob8322	13878	soa0078n	13938	SOA0221	13998	SOA0328	14058	SOA0421
13819	seob8323	13879	SOA0079	13939	SOA0222	13999	soa0329n	14059	SOA0426
13820	seob8324	13880	SOA0082	13940	SOA0223	14000	SOA0330	14060	SOA0427
13821	seob8326	13881	SOA0083	13941	SOA0224	14001	SOA0331	14061	SOA0428
13822	seob8328	13882	SOA0085	13942	SOA0225	14002	SOA0332	14062	SOA0429
13823	seob8329	13883	SOA0089	13943	SOA0228	14003	SOA0334	14063	SOA0434
13824	seob8330	13884	SOA0092	13944	SOA0229	14004	SOA0335	14064	soa0435n
13825	seob8332	13885	soa0093n	13945	soa0230n	14005	SOA0337	14065	SOA0436
13826	seob8333	13886	SOA0095	13946	SOA0231	14006	SOA0338	14066	SOA0437
13827	seob8334	13887	SOA0096	13947	SOA0233	14007	SOA0340	14067	soa0439
13828	seob8335	13888	SOA0100	13948	SOA0234	14008	SOA0341	14068	SOA0440
13829	seob8336	13889	SOA0101	13949	SOA0236	14009	SOA0342	14069	SOA0442N
13830	seob8337	13890	SOA0103	13950	soa0237n	14010	soa0343n	14070	SOA0444
13831	seob8338	13891	SOA0105	13951	SOA0239	14011	soa0345n	14071	SOA0445
13832	seob8339	13892	SOA0107	13952	soa0240n	14012	soa0346n	14072	SOA0448
13833	seob8341	13893	SOA0109	13953	SOA0241	14013	SOA0347	14073	SOA0449
13834	seob8343	13894	soa0111n	13954	SOA0242	14014	SOA0348	14074	SOA0450
13835	seob8344	13895	SOA0116	13955	soa0245n	14015	SOA0349	14075	SOA0453
13836	seob8345	13896	SOA0117	13956	SOA0248	14016	SOA0351	14076	soa0461n
13837	soa0001n	13897	SOA0121	13957	SOA0249	14017	SOA0353	14077	soa0463n
13838	SOA0002	13898	SOA0122	13958	SOA0251	14018	SOA0354	14078	SOA0464
13839	soa0004n	13899	SOA0125	13959	SOA0253	14019	SOA0356	14079	soa0466n
13840	soa0005n	13900	SOA0131	13960	SOA0256	14020	SOA0357	14080	SOA0467
13841	soa0006n	13901	SOA0132	13961	SOA0257	14021	soa0360n	14081	SOA0468
13842	soa0007n	13902	SOA0133	13962	SOA0262	14022	SOA0362	14082	SOA0470
13843	SOA0008	13903	SOA0134	13963	SOA0263	14023	soa0363n	14083	SOA0471
13844	soa0012n	13904	SOA0138	13964	SOA0264	14024	SOA0365	14084	SOA0473
13845	SOA0017	13905	soa0140n	13965	SOA0267	14025	SOA0368	14085	SOA0476
13846	SOA0021	13906	SOA0141	13966	SOA0269	14026	SOA0369	14086	soa0477n
13847	soa0022n	13907	SOA0142	13967	soa0271n	14027	SOA0370	14087	SOA0478
13848	SOA0024	13908	SOA0143	13968	SOA0274	14028	SOA0372	14088	SOA0481
13849	soa0026	13909	SOA0145	13969	SOA0275	14029	soa0373n	14089	SOA0482
13850	SOA0027	13910	soa0146n	13970	soa0277n	14030	SOA0375	14090	SOA0483
13851	soa0028n	13911	SOA0147	13971	SOA0278	14031	SOA0376	14091	SOA0484
13852	SOA0031	13912	SOA0148	13972	SOA0281	14032	SOA0377	14092	SOA0485
13853	SOA0033	13913	SOA0149	13973	SOA0282	14033	SOA0379	14093	soa0486n
13854	SOA0035	13914	SOA0154	13974	SOA0283	14034	SOA0381	14094	SOA0487
13855	soa0038n	13915	SOA0156	13975	SOA0284	14035	soa0382n	14095	SOA0488
13856	soa0039n	13916	SOA0158	13976	SOA0285	14036	SOA0384	14096	soa0489n
13857	soa0040n	13917	SOA0161	13977	SOA0286	14037	SOA0387	14097	SOA0490
13858	soa0042n	13918	SOA0163	13978	SOA0288	14038	soa0388n	14098	SOA0491
13859	soa0043n	13919	SOA0165	13979	SOA0289	14039	SOA0389	14099	SOA0493
13860	SOA0044	13920	SOA0195	13980	soa0291n	14040	SOA0391	14100	SOA0495

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14101	SOA0496	14161	SOA0608	14221	SOA0716
14102	SOA0498	14162	soa0609n	14222	SOA0718
14103	SOA0501	14163	SOA0611		
14104	SOA0503	14164	SOA0612		
14105	SOA0505	14165	soa0613n		
14106	SOA0506	14166	SOA0614		
14107	SOA0514	14167	SOA0615		
14108	SOA0516	14168	SOA0616		
14109	SOA0518	14169	SOA0619		
14110	SOA0520	14170	SOA0620		
14111	soa0521n	14171	SOA0621		
14112	SOA0523	14172	SOA0622		
14113	SOA0525	14173	SOA0623		
14114	SOA0526	14174	SOA0630		
14115	SOA0527	14175	SOA0631		
14116	soa0529n	14176	SOA0632		
14117	SOA0532	14177	soa0633n		
14118	soa0533n	14178	SOA0634		
14119	SOA0535	14179	soa0636n		
14120	SOA0536	14180	soa0637n		
14121	SOA0537	14181	SOA0639		
14122	soa0539n	14182	SOA0640		
14123	soa0540n	14183	SOA0641		
14124	SOA0541	14184	SOA0642		
14125	SOA0542	14185	SOA0643		
14126	SOA0544	14186	SOA0646		
14127	SOA0545	14187	SOA0647		
14128	SOA0546	14188	SOA0648		
14129	SOA0549	14189	SOA0650		
14130	SOA0550	14190	SOA0651		
14131	SOA0552	14191	SOA0652		
14132	SOA0554	14192	SOA0654		
14133	SOA0558	14193	SOA0659		
14134	SOA0559	14194	SOA0660		
14135	SOA0560	14195	SOA0661		
14136	SOA0561	14196	SOA0662		
14137	SOA0563	14197	SOA0667		
14138	soa0564n	14198	SOA0670		
14139	SOA0565	14199	SOA0673		
14140	SOA0567	14200	SOA0674n		
14141	soa0568n	14201	SOA0675		
14142	SOA0569	14202	SOA0677n		
14143	SOA0570	14203	SOA0678		
14144	SOA0571	14204	SOA0679		
14145	SOA0575	14205	SOA0684		
14146	SOA0579	14206	SOA0685		
14147	SOA0580	14207	SOA0688		
14148	SOA0583	14208	SOA0690		
14149	soa0585n	14209	SOA0692		
14150	SOA0589	14210	SOA0693		
14151	SOA0591	14211	SOA0694		
14152	SOA0593	14212	SOA0698		
14153	SOA0594	14213	SOA0701		
14154	SOA0598	14214	SOA0704		
14155	SOA0600	14215	soa0705n		
14156	SOA0601	14216	SOA0706		
14157	SOA0602	14217	SOA0707		
14158	SOA0604	14218	soa0712		
14159	SOA0605	14219	SOA0713		
14160	SOA0606	14220	SOA0715		

**Figure 7 - Characterization of Human Cartilage cDNA Libraries Based on Functional Classification of Known/Unique Genes**

Functional Classification	Fetal	Normal	Mild	Severe
	# of Genes	# of Genes	# of Genes	# of Genes
Cell division	182	160	127	157
Cell signalling/communication	387	353	304	326
Cell structure/motility	281	235	182	196
Cell/organism defense	196	196	167	184
Gene/protein expression	573	524	429	529
Metabolism	384	343	277	312
Unclassified	576	707	452	552
Total known/unique genes analyzed	2579	2518	1938	2256

**Total of 57,422 ESTs from the four libraries were analyzed**

**Note: See Figure 7A for graphical breakdown in each of the four human cartilage cDNA libraries**

**Figure 7A**

**Characterization of Different Cartilage Libraries Based on Functional Classification of Known/Unique Genes**

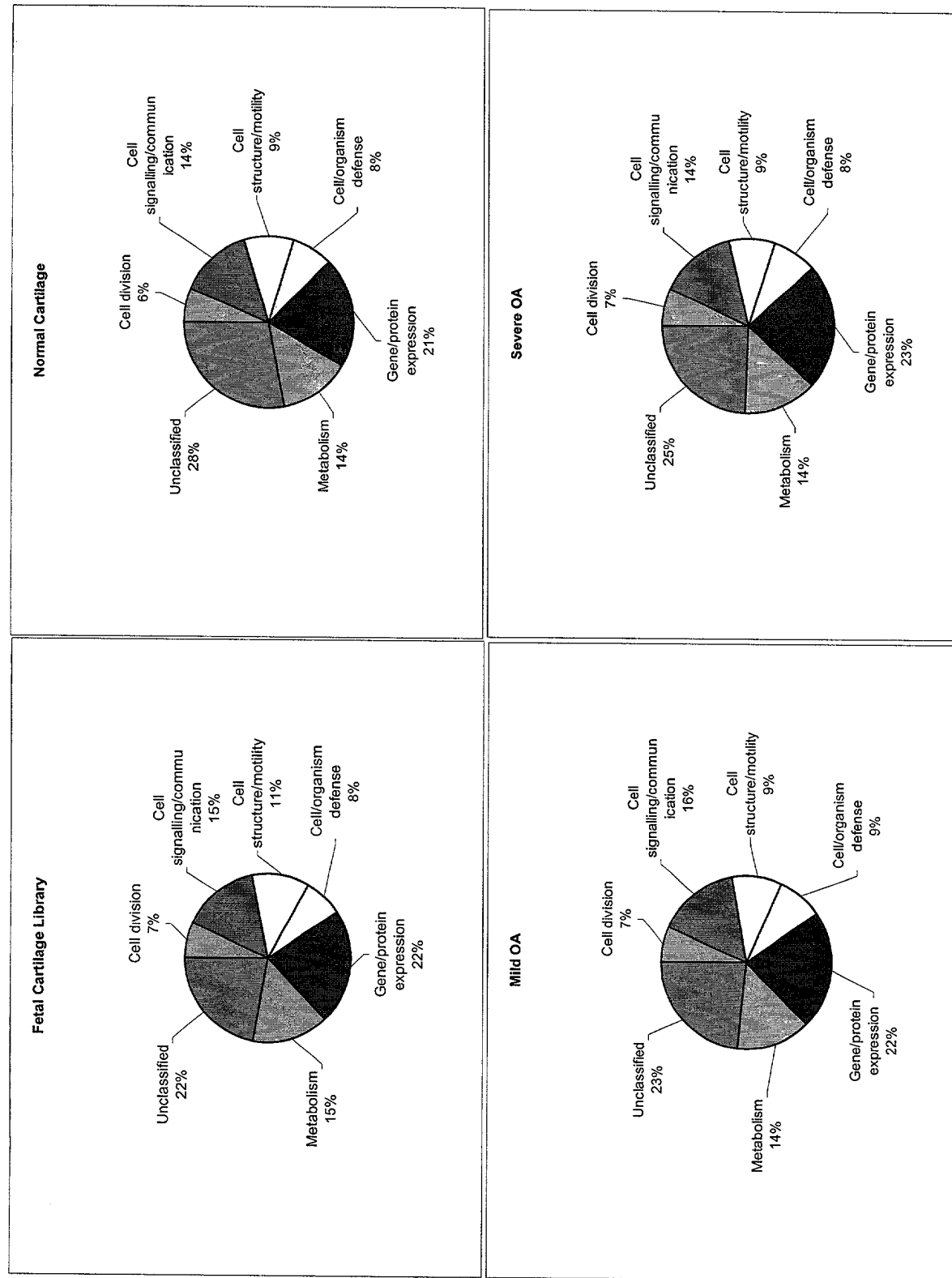


Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 1 of 10)

SEOA0002	SEOA0159	SEOA0320	SEOA0488	SEOA0759	SEOA0904	SEOA1069a	SEOA1259A
SEOA0004	SEOA0160	SEOA0325	SEOA0492	SEOA0761	SEOA0905	SEOA1070a	SEOA1267A
SEOA0005	SEOA0161a	SEOA0326n	SEOA0500	SEOA0769	SEOA0906	SEOA1071a	SEOA1268A
SEOA0009	SEOA0163a	SEOA0329n	SEOA0501	SEOA0770	SEOA0913	SEOA1072a	SEOA1269a
SEOA0010	SEOA0166a	SEOA0331	SEOA0511	SEOA0772n	SEOA0914	SEOA1073a	SEOA1270a
SEOA0014	SEOA0167a	SEOA0333n	SEOA0512	SEOA0775	SEOA0917	SEOA1074a	SEOA1273a
SEOA0017	SEOA0168a	SEOA0334	SEOA0514	SEOA0783	SEOA0918	SEOA1076a	SEOA1277a
SEOA0020	SEOA0169a	SEOA0353	SEOA0515	SEOA0784n	SEOA0920	SEOA1080a	SEOA1278a
SEOA0021	SEOA0172a	SEOA0357	SEOA0518	SEOA0785n	SEOA0925	SEOA1082a	SEOA1282a
SEOA0023	SEOA0174a	SEOA0360	SEOA0519	SEOA0786	SEOA0928	SEOA1083a	SEOA1284a
SEOA0024	SEOA0177a	SEOA0361	SEOA0520	SEOA0787	SEOA0930	SEOA1084a	SEOA1287a
SEOA0027	SEOA0182a	SEOA0367n	SEOA0524	SEOA0790	SEOA0934	SEOA1086a	SEOA1288a
SEOA0028	SEOA0183a	SEOA0368	SEOA0526	SEOA0791	SEOA0935	SEOA1089a	SEOA1290a
SEOA0031	SEOA0186a	SEOA0370	SEOA0528n	SEOA0792	SEOA0936	SEOA1092a	SEOA1292a
SEOA0033	SEOA0187a	SEOA0373	SEOA0529	SEOA0794	SEOA0939	SEOA1095a	SEOA1295a
SEOA0036	SEOA0190A	SEOA0374	SEOA0532	SEOA0795	SEOA0940	SEOA1099a	SEOA1297a
SEOA0037	SEOA0191A	SEOA0377	SEOA0534	SEOA0799	SEOA0941	SEOA1100a	SEOA1300a
SEOA0038	SEOA0193A	SEOA0379	SEOA0535	SEOA0801	SEOA0947	SEOA1102a	SEOA1301a
SEOA0039	SEOA0196A	SEOA0380n	SEOA0536	SEOA0803	SEOA0949n	SEOA1104a	SEOA1304a
SEOA0041n	SEOA0197A	SEOA0381	SEOA0539n	SEOA0804	SEOA0952	SEOA1106a	SEOA1307a
SEOA0045n	SEOA0198A	SEOA0382	SEOA0541n	SEOA0805	SEOA0953	SEOA1108a	SEOA1310a
SEOA0046	SEOA0200A	SEOA0383	SEOA0542n	SEOA0809	SEOA0958	SEOA1109a	SEOA1312a
SEOA0048	SEOA0201A	SEOA0386	SEOA0545A	SEOA0811	SEOA0959	SEOA1114a	SEOA1316n
SEOA0051	SEOA0202A	SEOA0388	SEOA0546A	SEOA0812	SEOA0960n	SEOA1116a	SEOA1318
SEOA0052n	SEOA0203A	SEOA0390	SEOA0548A	SEOA0819n	SEOA0962n	SEOA1128a	SEOA1320
SEOA0055	SEOA0206a	SEOA0391	SEOA0549A	SEOA0821	SEOA0963n	SEOA1130a	SEOA1323
SEOA0057	SEOA0207a	SEOA0396	SEOA0550A	SEOA0822	SEOA0964	SEOA1132a	SEOA1326
SEOA0061	SEOA0208a	SEOA0399	SEOA0552A	SEOA0824	SEOA0966	SEOA1134a	SEOA1327
SEOA0064	SEOA0210a	SEOA0401	SEOA0554A	SEOA0827	SEOA0967	SEOA1137a	SEOA1329
SEOA0065	SEOA0211a	SEOA0404	SEOA0559A	SEOA0830	SEOA0969	SEOA1141a	SEOA1336
SEOA0066	SEOA0212a	SEOA0407	SEOA0560A	SEOA0832	SEOA0970	SEOA1145a	SEOA1338
SEOA0071	SEOA0213a	SEOA0409	SEOA0562A	SEOA0840	SEOA0971	SEOA1148a	SEOA1340
SEOA0072	SEOA0218a	SEOA0410	SEOA0563A	SEOA0841	SEOA0973	SEOA1159a	SEOA1341
SEOA0074	SEOA0219a	SEOA0413	SEOA0564A	SEOA0844	SEOA0974	SEOA1161A	SEOA1343
SEOA0076	SEOA0221a	SEOA0418	SEOA0568	SEOA0845	SEOA0975	SEOA1166A	SEOA1347
SEOA0080	SEOA0224a	SEOA0420	SEOA0572	SEOA0847	SEOA0982	SEOA1169A	SEOA1348
SEOA0082	SEOA0226a	SEOA0422	SEOA0574a	SEOA0848	SEOA0982n	SEOA1173A	SEOA1349
SEOA0085	SEOA0228a	SEOA0423	SEOA0575	SEOA0849	SEOA0986	SEOA1181A	SEOA1362a
SEOA0088	SEOA0235a	SEOA0424n	SEOA0577	SEOA0850n	SEOA0990n	SEOA1182A	SEOA1363
SEOA0091n	SEOA0237a	SEOA0425	SEOA0579n	SEOA0851	SEOA0996	SEOA1183A	SEOA1365
SEOA0096n	SEOA0238a	SEOA0427	SEOA0587	SEOA0852	SEOA1002	SEOA1184A	SEOA1366a
SEOA0100	SEOA0240a	SEOA0437	SEOA0596a	SEOA0853	SEOA1005n	SEOA1187a	SEOA1368
SEOA0101	SEOA0243a	SEOA0438	SEOA0597a	SEOA0854	SEOA1006n	SEOA1188A	SEOA1369
SEOA0106	SEOA0245a	SEOA0441n	SEOA0598a	SEOA0855	SEOA1009n	SEOA1190A	SEOA1372
SEOA0107	SEOA0248a	SEOA0444	SEOA0599a	SEOA0861	SEOA1022	SEOA1192A	SEOA1373
SEOA0111	SEOA0250a	SEOA0446	SEOA0600a	SEOA0862	SEOA1023	SEOA1198A	SEOA1374
SEOA0114	SEOA0252a	SEOA0449	SEOA0601a	SEOA0864	SEOA1030	SEOA1201A	SEOA1376
SEOA0116	SEOA0272	SEOA0450	SEOA0721a	SEOA0865	SEOA1032a	SEOA1203A	SEOA1378
SEOA0118	SEOA0276	SEOA0451n	SEOA0725a	SEOA0866	SEOA1036a	SEOA1204A	SEOA1379
SEOA0121	SEOA0277	SEOA0455	SEOA0727a	SEOA0869	SEOA1038a	SEOA1208A	SEOA1380
SEOA0124n	SEOA0279	SEOA0462	SEOA0728a	SEOA0870	SEOA1039a	SEOA1213A	SEOA1381
SEOA0125	SEOA0280	SEOA0463	SEOA0729a	SEOA0873	SEOA1040a	SEOA1216A	SEOA1382
SEOA0126	SEOA0281	SEOA0464	SEOA0730a	SEOA0874	SEOA1042a	SEOA1220A	SEOA1389
SEOA0127	SEOA0284n	SEOA0465	SEOA0731a	SEOA0875	SEOA1044a	SEOA1222A	SEOA1390
SEOA0137	SEOA0290	SEOA0466	SEOA0733a	SEOA0880	SEOA1045a	SEOA1227A	SEOA1392
SEOA0138	SEOA0295	SEOA0468	SEOA0737n	SEOA0882	SEOA1046a	SEOA1232A	SEOA1394
SEOA0139	SEOA0297	SEOA0470n	SEOA0738	SEOA0883	SEOA1049a	SEOA1234A	SEOA1399
SEOA0145	SEOA0301	SEOA0471	SEOA0741	SEOA0884	SEOA1053a	SEOA1236A	SEOA1403
SEOA0147	SEOA0302	SEOA0473	SEOA0744	SEOA0890n	SEOA1054a	SEOA1237A	SEOA1405
SEOA0149	SEOA0310	SEOA0477	SEOA0745	SEOA0895	SEOA1056a	SEOA1239A	SEOA1406
SEOA0150	SEOA0312	SEOA0479	SEOA0746	SEOA0896	SEOA1058a	SEOA1240A	SEOA1415a
SEOA0155	SEOA0315n	SEOA0481	SEOA0749	SEOA0897n	SEOA1062a	SEOA1245A	SEOA1419a
SEOA0156	SEOA0316	SEOA0483	SEOA0751	SEOA0900	SEOA1065a	SEOA1248A	SEOA1420a
SEOA0157	SEOA0317	SEOA0485	SEOA0752	SEOA0901	SEOA1066a	SEOA1249A	SEOA1421a
SEOA0158	SEOA0318	SEOA0486	SEOA0755	SEOA0902	SEOA1067a	SEOA1250A	SEOA1422a
SEOA1425a	SEOA1580a	SEOA1725a	SEOA1872a	SEOA2072	SEOA2230a	SEOA2421a	SEOA2572
SEOA1428a	SEOA1581a	SEOA1726a	SEOA1874a	SEOA2079	SEOA2232a	SEOA2423a	SEOA2574

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 2 of 10)

SEOA1430a	SEOA1582a	SEOA1727a	SEOA1875a	SEOA2084	SEOA2233a	SEOA2424a	SEOA2575
SEOA1431a	SEOA1583a	SEOA1729a	SEOA1877a	SEOA2095	SEOA2234a	SEOA2425a	SEOA2578
SEOA1432a	SEOA1584a	SEOA1730a	SEOA1880	SEOA2096	SEOA2235a	SEOA2428a	SEOA2579m
SEOA1434a	SEOA1585a	SEOA1731a	SEOA1881	SEOA2097n	SEOA2239a	SEOA2429a	SEOA2580m
SEOA1436a	SEOA1586a	SEOA1741a	SEOA1885	SEOA2099	SEOA2240a	SEOA2431a	SEOA2581
SEOA1439a	SEOA1589a	SEOA1742a	SEOA1886n	SEOA2100	SEOA2243a	SEOA2432a	SEOA2583
SEOA1440a	SEOA1595a	SEOA1747a	SEOA1896	SEOA2103n	SEOA2246a	SEOA2442a	SEOA2584
SEOA1442a	SEOA1596a	SEOA1748a	SEOA1897	SEOA2106	SEOA2251a	SEOA2443a	SEOA2585
SEOA1443a	SEOA1598a	SEOA1749a	SEOA1900n	SEOA2109	SEOA2253a	SEOA2445a	SEOA2589
SEOA1445a	SEOA1599a	SEOA1750a	SEOA1901	SEOA2111	SEOA2256a	SEOA2447a	SEOA2592
SEOA1448a	SEOA1601a	SEOA1751a	SEOA1902	SEOA2112n	SEOA2261a	SEOA2448a	SEOA2595
SEOA1452a	SEOA1606a	SEOA1755a	SEOA1909	SEOA2117	SEOA2263a	SEOA2449a	SEOA2599m
SEOA1454a	SEOA1610a	SEOA1756a	SEOA1912n	SEOA2120	SEOA2270a	SEOA2452a	SEOA2602
SEOA1457a	SEOA1611a	SEOA1759a	SEOA1913n	SEOA2121	SEOA2272a	SEOA2454a	SEOA2603
SEOA1458a	SEOA1614a	SEOA1760a	SEOA1914	SEOA2122	SEOA2279a	SEOA2456a	SEOA2606m
SEOA1460a	SEOA1615a	SEOA1761a	SEOA1917	SEOA2125	SEOA2283a	SEOA2458a	SEOA2607m
SEOA1465a	SEOA1617a	SEOA1762a	SEOA1921	SEOA2126n	SEOA2286a	SEOA2461a	SEOA2611
SEOA1468a	SEOA1621a	SEOA1765a	SEOA1923	SEOA2127	SEOA2287a	SEOA2465	SEOA2612
SEOA1471a	SEOA1623a	SEOA1766a	SEOA1924n	SEOA2127n	SEOA2288a	SEOA2467	SEOA2616
SEOA1474	SEOA1629a	SEOA1768a	SEOA1925n	SEOA2128	SEOA2291a	SEOA2469	SEOA2617
SEOA1477	SEOA1631a	SEOA1770a	SEOA1932	SEOA2130n	SEOA2292a	SEOA2470	SEOA2618
SEOA1483n	SEOA1632a	SEOA1771a	SEOA1936	SEOA2132	SEOA2293a	SEOA2471	SEOA2620
SEOA1484n	SEOA1634a	SEOA1773a	SEOA1940	SEOA2135	SEOA2294a	SEOA2472	SEOA2621
SEOA1487	SEOA1635a	SEOA1776a	SEOA1947	SEOA2136	SEOA2295a	SEOA2473m	SEOA2622
SEOA1491	SEOA1640a	SEOA1778a	SEOA1954	SEOA2138	SEOA2298a	SEOA2479	SEOA2623
SEOA1492n	SEOA1643a	SEOA1782a	SEOA1955	SEOA2141	SEOA2300a	SEOA2481	SEOA2629
SEOA1493	SEOA1647a	SEOA1786a	SEOA1964a	SEOA2142	SEOA2301a	SEOA2482	SEOA2631
SEOA1496n	SEOA1648a	SEOA1787a	SEOA1965a	SEOA2146n	SEOA2302a	SEOA2484	SEOA2632
SEOA1501	SEOA1653a	SEOA1789a	SEOA1969a	SEOA2147	SEOA2303a	SEOA2486	SEOA2633
SEOA1507n	SEOA1654a	SEOA1791a	SEOA1971a	SEOA2148n	SEOA2308a	SEOA2487	SEOA2635
SEOA1508	SEOA1655a	SEOA1793a	SEOA1977a	SEOA2149	SEOA2309a	SEOA2488	SEOA2636
SEOA1513	SEOA1656a	SEOA1795a	SEOA1979a	SEOA2154n	SEOA2311a	SEOA2489m	SEOA2639
SEOA1517n	SEOA1657a	SEOA1797a	SEOA1980a	SEOA2157	SEOA2313a	SEOA2491	SEOA2640
SEOA1521	SEOA1658a	SEOA1799a	SEOA1983a	SEOA2158	SEOA2320a	SEOA2492	SEOA2641
SEOA1522n	SEOA1662a	SEOA1802a	SEOA1988a	SEOA2159	SEOA2326a	SEOA2493	SEOA2642
SEOA1523	SEOA1665a	SEOA1803a	SEOA1991	SEOA2163	SEOA2328a	SEOA2496	SEOA2645
SEOA1525	SEOA1666a	SEOA1804a	SEOA1996	SEOA2163n	SEOA2331a	SEOA2499	SEOA2647
SEOA1526	SEOA1667a	SEOA1805a	SEOA2000a	SEOA2166	SEOA2349a	SEOA2500m	SEOA2648
SEOA1527n	SEOA1669a	SEOA1806a	SEOA2004	SEOA2173	SEOA2351a	SEOA2507	SEOA2653
SEOA1529	SEOA1670a	SEOA1807a	SEOA2005	SEOA2174	SEOA2355a	SEOA2512	SEOA2654
SEOA1532	SEOA1671a	SEOA1809a	SEOA2006	SEOA2175	SEOA2358a	SEOA2515	SEOA2655
SEOA1535	SEOA1672a	SEOA1810a	SEOA2008	SEOA2177a	SEOA2361a	SEOA2516	SEOA2658
SEOA1536	SEOA1673a	SEOA1812a	SEOA2012	SEOA2178a	SEOA2363a	SEOA2517	SEOA2659
SEOA1539	SEOA1674a	SEOA1813a	SEOA2013	SEOA2179a	SEOA2369a	SEOA2518	SEOA2660m
SEOA1541	SEOA1675a	SEOA1814a	SEOA2015	SEOA2181a	SEOA2371a	SEOA2523	SEOA2662
SEOA1542	SEOA1676a	SEOA1815a	SEOA2022	SEOA2183a	SEOA2372a	SEOA2525	SEOA2666
SEOA1543	SEOA1677a	SEOA1817a	SEOA2025	SEOA2188a	SEOA2375a	SEOA2527	SEOA2667
SEOA1545	SEOA1678a	SEOA1819a	SEOA2027	SEOA2191a	SEOA2378a	SEOA2528	SEOA2670
SEOA1546	SEOA1680a	SEOA1821a	SEOA2029	SEOA2194a	SEOA2381a	SEOA2534	SEOA2674
SEOA1547	SEOA1681a	SEOA1822a	SEOA2040	SEOA2201a	SEOA2385a	SEOA2535	SEOA2675n
SEOA1551	SEOA1685a	SEOA1823a	SEOA2041	SEOA2202a	SEOA2388a	SEOA2536	SEOA2676
SEOA1555	SEOA1688a	SEOA1825a	SEOA2042	SEOA2203a	SEOA2389a	SEOA2537	SEOA2678m
SEOA1563	SEOA1689a	SEOA1826a	SEOA2043	SEOA2204a	SEOA2391a	SEOA2539	SEOA2679m
SEOA1564	SEOA1691a	SEOA1830a	SEOA2048	SEOA2209a	SEOA2401a	SEOA2540	SEOA2685
SEOA1566	SEOA1694a	SEOA1833a	SEOA2052	SEOA2210a	SEOA2402a	SEOA2547	SEOA2690m
SEOA1567	SEOA1698a	SEOA1844a	SEOA2054a	SEOA2211a	SEOA2403a	SEOA2550	SEOA2691m
SEOA1570	SEOA1710a	SEOA1845a	SEOA2056	SEOA2212a	SEOA2410	SEOA2554	SEOA2692m
SEOA1571	SEOA1714a	SEOA1854a	SEOA2057	SEOA2215a	SEOA2411	SEOA2558	SEOA2693m
SEOA1573a	SEOA1717a	SEOA1856a	SEOA2058	SEOA2217a	SEOA2412	SEOA2559m	SEOA2696m
SEOA1574a	SEOA1718a	SEOA1857a	SEOA2065	SEOA2218a	SEOA2413	SEOA2562	SEOA2698m
SEOA1575a	SEOA1720a	SEOA1858a	SEOA2067n	SEOA2219a	SEOA2415	SEOA2564	SEOA2699
SEOA1577a	SEOA1722a	SEOA1866a	SEOA2068	SEOA2221a	SEOA2417a	SEOA2566	SEOA2700
SEOA1579a	SEOA1723a	SEOA1867a	SEOA2069	SEOA2224a	SEOA2418a	SEOA2567	SEOA2702
SEOA2703	SEOA2830	SEOA2986a	SEOA3174	SEOA3352a	SEOA3512a	SEOA3669a	SEOA3835
SEOA2704	SEOA2831n	SEOA2990a	SEOA3176m	SEOA3353a	SEOA3515a	SEOA3670a	SEOA3836
SEOA2704n	SEOA2833n	SEOA2994a	SEOA3178m	SEOA3356a	SEOA3516a	SEOA3673a	SEOA3838
SEOA2705m	SEOA2838	SEOA2995a	SEOA3181	SEOA3358a	SEOA3524a	SEOA3674a	SEOA3839

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 3 of 10)

SEOA2706	SEOA2839	SEOA2996a	SEOA3184	SEOA3359a	SEOA3525a	SEOA3675a	SEOA3840
SEOA2710	SEOA2840	SEOA3002a	SEOA3186	SEOA3369a	SEOA3531a	SEOA3679a	SEOA3847
SEOA2716	SEOA2846	SEOA3007a	SEOA3188	SEOA3373a	SEOA3533a	SEOA3687a	SEOA3852
SEOA2718	SEOA2847n	SEOA3009a	SEOA3191	SEOA3374a	SEOA3538a	SEOA3689a	SEOA3853
SEOA2719	SEOA2851	SEOA3010a	SEOA3196	SEOA3375a	SEOA3543a	SEOA3692a	SEOA3856
SEOA2720	SEOA2853	SEOA3016a	SEOA3199m	SEOA3376a	SEOA3548a	SEOA3693a	SEOA3857
SEOA2723	SEOA2859	SEOA3017a	SEOA3205	SEOA3378a	SEOA3549a	SEOA3694a	SEOA3860
SEOA2728	SEOA2862	SEOA3018a	SEOA3209	SEOA3379a	SEOA3551a	SEOA3698a	SEOA3861
SEOA2729	SEOA2863	SEOA3028a	SEOA3212	SEOA3381a	SEOA3554a	SEOA3700a	SEOA3862
SEOA2732	SEOA2868	SEOA3032a	SEOA3216	SEOA3382a	SEOA3556a	SEOA3701a	SEOA3863
SEOA2734	SEOA2870	SEOA3034a	SEOA3217	SEOA3383a	SEOA3560a	SEOA3704a	SEOA3864
SEOA2738m	SEOA2874	SEOA3038a	SEOA3219	SEOA3384a	SEOA3561a	SEOA3708a	SEOA3868
SEOA2744	SEOA2875	SEOA3042a	SEOA3221m	SEOA3385a	SEOA3563a	SEOA3709a	SEOA3870
SEOA2746	SEOA2876	SEOA3049a	SEOA3223	SEOA3387a	SEOA3566a	SEOA3711a	SEOA3871
SEOA2747	SEOA2883n	SEOA3051a	SEOA3224	SEOA3389a	SEOA3567a	SEOA3714a	SEOA3875
SEOA2750	SEOA2889a	SEOA3052a	SEOA3226	SEOA3391a	SEOA3571a	SEOA3716a	SEOA3876
SEOA2751	SEOA2891a	SEOA3053a	SEOA3230	SEOA3392a	SEOA3572a	SEOA3720a	SEOA3877
SEOA2752	SEOA2892a	SEOA3055a	SEOA3231	SEOA3393a	SEOA3573a	SEOA3731a	SEOA3885
SEOA2757	SEOA2895a	SEOA3062a	SEOA3235m	SEOA3394a	SEOA3575a	SEOA3734a	SEOA3886
SEOA2758	SEOA2898a	SEOA3063a	SEOA3238	SEOA3395a	SEOA3577a	SEOA3737a	SEOA3887
SEOA2759	SEOA2899a	SEOA3065a	SEOA3239m	SEOA3396a	SEOA3579a	SEOA3739a	SEOA3890
SEOA2760	SEOA2900a	SEOA3069a	SEOA3241	SEOA3397a	SEOA3582a	SEOA3740a	SEOA3891
SEOA2762	SEOA2901a	SEOA3074a	SEOA3242n	SEOA3399a	SEOA3583a	SEOA3741a	SEOA3895
SEOA2764	SEOA2903a	SEOA3075a	SEOA3245	SEOA3400a	SEOA3587a	SEOA3743a	SEOA3896
SEOA2765	SEOA2904a	SEOA3076a	SEOA3248	SEOA3403a	SEOA3588a	SEOA3744a	SEOA3898
SEOA2767	SEOA2906a	SEOA3079a	SEOA3249	SEOA3405a	SEOA3589a	SEOA3746a	SEOA3899
SEOA2768	SEOA2907a	SEOA3081a	SEOA3250m	SEOA3411a	SEOA3592a	SEOA3748a	SEOA3901
SEOA2770	SEOA2910a	SEOA3084a	SEOA3251m	SEOA3414a	SEOA3597a	SEOA3749a	SEOA3907
SEOA2771	SEOA2911a	SEOA3088a	SEOA3252m	SEOA3415a	SEOA3598a	SEOA3750a	SEOA3910
SEOA2773	SEOA2913a	SEOA3092a	SEOA3255	SEOA3416a	SEOA3600a	SEOA3751a	SEOA3913
SEOA2774	SEOA2914a	SEOA3093a	SEOA3256	SEOA3417a	SEOA3602a	SEOA3752a	SEOA3919
SEOA2775	SEOA2918a	SEOA3094a	SEOA3257m	SEOA3419a	SEOA3603a	SEOA3758a	SEOA3921
SEOA2777	SEOA2921a	SEOA3095a	SEOA3263	SEOA3423a	SEOA3606a	SEOA3761a	SEOA3924
SEOA2782	SEOA2922a	SEOA3097a	SEOA3268	SEOA3424a	SEOA3610a	SEOA3763a	SEOA3926
SEOA2783	SEOA2930a	SEOA3101a	SEOA3269	SEOA3428a	SEOA3613a	SEOA3766a	SEOA3929
SEOA2784	SEOA2931a	SEOA3105a	SEOA3270	SEOA3429a	SEOA3614a	SEOA3767a	SEOA3931
SEOA2788	SEOA2932a	SEOA3106a	SEOA3271	SEOA3433a	SEOA3615a	SEOA3770a	SEOA3935
SEOA2792	SEOA2934a	SEOA3118a	SEOA3272	SEOA3434a	SEOA3622a	SEOA3771	SEOA3937
SEOA2793	SEOA2936a	SEOA3121a	SEOA3274n	SEOA3443a	SEOA3623a	SEOA3773a	SEOA3938
SEOA2795n	SEOA2937a	SEOA3122a	SEOA3287	SEOA3444a	SEOA3627a	SEOA3778a	SEOA3946a
SEOA2796n	SEOA2943a	SEOA3124a	SEOA3288	SEOA3445a	SEOA3628a	SEOA3779a	SEOA3949a
SEOA2800	SEOA2944a	SEOA3125a	SEOA3289	SEOA3449a	SEOA3629a	SEOA3790a	SEOA3964a
SEOA2801	SEOA2949a	SEOA3127a	SEOA3290	SEOA3454a	SEOA3632a	SEOA3794a	SEOA3967a
SEOA2802	SEOA2952a	SEOA3129a	SEOA3293	SEOA3466a	SEOA3633a	SEOA3795a	SEOA3968a
SEOA2803	SEOA2956a	SEOA3130a	SEOA3295	SEOA3467a	SEOA3634a	SEOA3799a	SEOA3970a
SEOA2805	SEOA2958a	SEOA3131a	SEOA3296	SEOA3472a	SEOA3635a	SEOA3800a	SEOA3971a
SEOA2807	SEOA2961a	SEOA3139	SEOA3299	SEOA3474a	SEOA3638a	SEOA3803a	SEOA3973a
SEOA2809m	SEOA2962a	SEOA3140	SEOA3308	SEOA3476a	SEOA3639a	SEOA3804a	SEOA3974a
SEOA2811	SEOA2964a	SEOA3143	SEOA3309	SEOA3477a	SEOA3641a	SEOA3807a	SEOA3975a
SEOA2813	SEOA2966a	SEOA3144	SEOA3311m	SEOA3486a	SEOA3646a	SEOA3808a	SEOA3976a
SEOA2814	SEOA2967a	SEOA3147	SEOA3314a	SEOA3489a	SEOA3647a	SEOA3811a	SEOA3977a
SEOA2816	SEOA2968a	SEOA3153m	SEOA3315a	SEOA3490a	SEOA3648a	SEOA3812a	SEOA3981a
SEOA2817n	SEOA2970a	SEOA3156m	SEOA3317a	SEOA3491a	SEOA3650a	SEOA3814a	SEOA3987a
SEOA2818	SEOA2971a	SEOA3157m	SEOA3318a	SEOA3494a	SEOA3651a	SEOA3815a	SEOA3988a
SEOA2819	SEOA2972a	SEOA3162m	SEOA3324a	SEOA3495a	SEOA3658a	SEOA3816a	SEOA3989a
SEOA2820	SEOA2974a	SEOA3164m	SEOA3325a	SEOA3499a	SEOA3660a	SEOA3819a	SEOA3990a
SEOA2822	SEOA2975a	SEOA3166	SEOA3328a	SEOA3501a	SEOA3662a	SEOA3820a	SEOA3993a
SEOA2823	SEOA2978a	SEOA3167m	SEOA3330a	SEOA3504a	SEOA3664a	SEOA3821a	SEOA3995a
SEOA2824	SEOA2979a	SEOA3168m	SEOA3337a	SEOA3506a	SEOA3665a	SEOA3822a	SEOA3998a
SEOA2825n	SEOA2981a	SEOA3171n	SEOA3343a	SEOA3510a	SEOA3666a	SEOA3825a	SEOA3999a
SEOA2826	SEOA2985a	SEOA3173	SEOA3344a	SEOA3511a	SEOA3667a	SEOA3827a	SEOA4000a
SEOA4001a	SEOA4165a	SEOA4354a	SEOA4530	SEOA4692a	SEOA4869a	SEOA5228a	SEOA5403
SEOA4005a	SEOA4167a	SEOA4358a	SEOA4532	SEOA4693a	SEOA4870a	SEOA5229a	SEOA5405
SEOA4006a	SEOA4170a	SEOA4367a	SEOA4536	SEOA4694a	SEOA4873a	SEOA5232a	SEOA5413
SEOA4007a	SEOA4173a	SEOA4373a	SEOA4537	SEOA4699a	SEOA4875a	SEOA5234a	SEOA5414
SEOA4010a	SEOA4174a	SEOA4377a	SEOA4538	SEOA4700a	SEOA4876a	SEOA5235a	SEOA5415
SEOA4011a	SEOA4175a	SEOA4380a	SEOA4541	SEOA4704	SEOA4878a	SEOA5239a	SEOA5418



Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 4 of 10)

SEOA4012a	SEOA4177a	SEOA4382a	SEOA4543	SEOA4705a	SEOA4879a	SEOA5245a	SEOA5422
SEOA4014a	SEOA4181a	SEOA4383a	SEOA4544	SEOA4709a	SEOA4880a	SEOA5246a	SEOA5432
SEOA4017a	SEOA4184a	SEOA4384a	SEOA4545	SEOA4711a	SEOA4883a	SEOA5249a	SEOA5433
SEOA4019a	SEOA4185a	SEOA4386a	SEOA4546	SEOA4712a	SEOA4886a	SEOA5253a	SEOA5436
SEOA4020a	SEOA4187a	SEOA4387a	SEOA4549	SEOA4713a	SEOA5010a	SEOA5258a	SEOA5442
SEOA4021a	SEOA4190a	SEOA4388a	SEOA4550	SEOA4715a	SEOA5035a	SEOA5265a	SEOA5444
SEOA4022a	SEOA4193a	SEOA4392a	SEOA4558	SEOA4716a	SEOA5036a	SEOA5267a	SEOA5445
SEOA4025a	SEOA4194a	SEOA4395a	SEOA4560	SEOA4717a	SEOA5038a	SEOA5270a	SEOA5447
SEOA4029a	SEOA4197a	SEOA4396a	SEOA4564	SEOA4726a	SEOA5043a	SEOA5272a	SEOA5448
SEOA4034a	SEOA4198a	SEOA4397a	SEOA4570	SEOA4727a	SEOA5047a	SEOA5273a	SEOA5449
SEOA4035a	SEOA4200a	SEOA4398a	SEOA4571	SEOA4731a	SEOA5048a	SEOA5275a	SEOA5450
SEOA4037a	SEOA4204a	SEOA4402a	SEOA4577	SEOA4732a	SEOA5055a	SEOA5277a	SEOA5452
SEOA4040a	SEOA4206a	SEOA4403a	SEOA4579	SEOA4739a	SEOA5057a	SEOA5278a	SEOA5453
SEOA4043a	SEOA4207a	SEOA4404a	SEOA4580	SEOA4740a	SEOA5058a	SEOA5279a	SEOA5454
SEOA4044a	SEOA4210a	SEOA4405a	SEOA4587	SEOA4747a	SEOA5060a	SEOA5281a	SEOA5455
SEOA4048a	SEOA4211a	SEOA4406a	SEOA4588	SEOA4748a	SEOA5068a	SEOA5282a	SEOA5461
SEOA4053a	SEOA4213a	SEOA4409a	SEOA4595	SEOA4752a	SEOA5074a	SEOA5285a	SEOA5463a
SEOA4055	SEOA4214a	SEOA4410a	SEOA4598	SEOA4753a	SEOA5077a	SEOA5286a	SEOA5464a
SEOA4056	SEOA4215a	SEOA4411a	SEOA4600a	SEOA4754a	SEOA5078a	SEOA5291a	SEOA5465a
SEOA4057	SEOA4221a	SEOA4412a	SEOA4601a	SEOA4756a	SEOA5082a	SEOA5294a	SEOA5468a
SEOA4058	SEOA4223a	SEOA4418a	SEOA4603a	SEOA4767a	SEOA5085a	SEOA5299a	SEOA5469a
SEOA4061	SEOA4229a	SEOA4421a	SEOA4606a	SEOA4768a	SEOA5088a	SEOA5300a	SEOA5473a
SEOA4062	SEOA4232a	SEOA4422a	SEOA4608a	SEOA4771a	SEOA5089a	SEOA5302a	SEOA5475a
SEOA4063	SEOA4234a	SEOA4423a	SEOA4611a	SEOA4772a	SEOA5090a	SEOA5311a	SEOA5478a
SEOA4068	SEOA4239a	SEOA4424a	SEOA4613a	SEOA4773a	SEOA5094a	SEOA5314a	SEOA5479a
SEOA4070	SEOA4242a	SEOA4425a	SEOA4614a	SEOA4778a	SEOA5098a	SEOA5315a	SEOA5483a
SEOA4076	SEOA4246a	SEOA4427a	SEOA4616a	SEOA4780a	SEOA5103a	SEOA5318a	SEOA5489a
SEOA4079	SEOA4250a	SEOA4430a	SEOA4617a	SEOA4783a	SEOA5105a	SEOA5319a	SEOA5491a
SEOA4082	SEOA4255a	SEOA4431a	SEOA4620a	SEOA4785a	SEOA5110a	SEOA5320a	SEOA5493a
SEOA4257a	SEOA4084	SEOA4436a	SEOA4626a	SEOA4786a	SEOA5114a	SEOA5323a	SEOA5498a
SEOA4258a	SEOA4085	SEOA4440	SEOA4628a	SEOA4791a	SEOA5115a	SEOA5325a	SEOA5502a
SEOA4261a	SEOA4092	SEOA4445a	SEOA4630a	SEOA4795a	SEOA5116a	SEOA5328a	SEOA5503a
SEOA4263a	SEOA4098a	SEOA4447a	SEOA4632a	SEOA4796a	SEOA5121a	SEOA5330a	SEOA5504a
SEOA4264a	SEOA4100a	SEOA4452a	SEOA4635a	SEOA4798a	SEOA5127a	SEOA5335a	SEOA5508a
SEOA4265a	SEOA4102a	SEOA4453a	SEOA4637a	SEOA4802a	SEOA5128a	SEOA5342	SEOA5509a
SEOA4271a	SEOA4106a	SEOA4457a	SEOA4639a	SEOA4806a	SEOA5136a	SEOA5343	SEOA5520a
SEOA4274a	SEOA4111a	SEOA4461a	SEOA4640a	SEOA4808a	SEOA5138a	SEOA5348	SEOA5522a
SEOA4280a	SEOA4112a	SEOA4463a	SEOA4641a	SEOA4809a	SEOA5146a	SEOA5351	SEOA5525a
SEOA4282a	SEOA4116a	SEOA4464a	SEOA4644a	SEOA4810a	SEOA5148a	SEOA5352	SEOA5527a
SEOA4284a	SEOA4122a	SEOA4475a	SEOA4645a	SEOA4811a	SEOA5151a	SEOA5356	SEOA5528a
SEOA4289a	SEOA4123a	SEOA4477a	SEOA4646a	SEOA4815a	SEOA5153a	SEOA5358	SEOA5530a
SEOA4291a	SEOA4125a	SEOA4478a	SEOA4647a	SEOA4816a	SEOA5156a	SEOA5359	SEOA5533a
SEOA4292a	SEOA4127a	SEOA4479a	SEOA4653a	SEOA4818a	SEOA5157a	SEOA5363	SEOA5537a
SEOA4294a	SEOA4128a	SEOA4482	SEOA4656a	SEOA4822a	SEOA5162a	SEOA5365	SEOA5540a
SEOA4296a	SEOA4129a	SEOA4485	SEOA4657a	SEOA4829a	SEOA5163a	SEOA5366	SEOA5543a
SEOA4300a	SEOA4132a	SEOA4487	SEOA4658a	SEOA4830a	SEOA5164a	SEOA5368	SEOA5544a
SEOA4303a	SEOA4133a	SEOA4489	SEOA4662a	SEOA4834a	SEOA5166a	SEOA5370	SEOA5546a
SEOA4309a	SEOA4135a	SEOA4490	SEOA4667a	SEOA4837a	SEOA5170a	SEOA5371	SEOA5549a
SEOA4310a	SEOA4139a	SEOA4491	SEOA4670a	SEOA4839a	SEOA5176a	SEOA5372	SEOA5552a
SEOA4311a	SEOA4140a	SEOA4498	SEOA4671a	SEOA4840a	SEOA5196a	SEOA5376	SEOA5554a
SEOA4317a	SEOA4141a	SEOA4502	SEOA4674a	SEOA4846a	SEOA5202a	SEOA5382	SEOA5556a
SEOA4322a	SEOA4146a	SEOA4505	SEOA4678a	SEOA4847a	SEOA5203a	SEOA5386	SEOA5557a
SEOA4324a	SEOA4147a	SEOA4511	SEOA4682a	SEOA4849a	SEOA5209a	SEOA5387	SEOA5559a
SEOA4327a	SEOA4149a	SEOA4515	SEOA4683a	SEOA4857a	SEOA5211a	SEOA5388	SEOA5563a
SEOA4332a	SEOA4154a	SEOA4517	SEOA4684a	SEOA4858a	SEOA5212a	SEOA5391	SEOA5567a
SEOA4333	SEOA4157a	SEOA4518	SEOA4685a	SEOA4860a	SEOA5214a	SEOA5393	SEOA5572a
SEOA4336a	SEOA4158a	SEOA4519	SEOA4686a	SEOA4862a	SEOA5220a	SEOA5394	SEOA5575a
SEOA4337a	SEOA4160a	SEOA4524	SEOA4687a	SEOA4867a	SEOA5223a	SEOA5395	SEOA5577a
SEOA4338a	SEOA4163a	SEOA4526	SEOA4691a	SEOA4868a	SEOA5227a	SEOA5396	SEOA5580a
SEOA5583a	SEOA5743a	SEOA5871	SEOA6071a	SEOA6229	SEOA6391	SEOA6556a	SEOA6705a
SEOA5584a	SEOA5744a	SEOA5873	SEOA6075a	SEOA6230	SEOA6392	SEOA6563a	SEOA6711
SEOA5586a	SEOA5746a	SEOA5876	SEOA6078a	SEOA6231	SEOA6393	SEOA6564a	SEOA6718
SEOA5588a	SEOA5748a	SEOA5877	SEOA6080a	SEOA6234	SEOA6395	SEOA6565a	SEOA6721
SEOA5590a	SEOA5749a	SEOA5878	SEOA6082a	SEOA6235	SEOA6397	SEOA6567a	SEOA6723
SEOA5592a	SEOA5750a	SEOA5881	SEOA6084a	SEOA6241	SEOA6398	SEOA6571a	SEOA6724
SEOA5595a	SEOA5753a	SEOA5887	SEOA6087a	SEOA6246	SEOA6399	SEOA6572a	SEOA6726
SEOA5596a	SEOA5755a	SEOA5890	SEOA6088a	SEOA6248	SEOA6400	SEOA6573a	SEOA6728

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 5 of 10)

SEOA5597a	SEOA5757a	SEOA5894	SEOA6090a	SEOA6249	SEOA6401	SEOA6574a	SEOA6730
SEOA5603a	SEOA5759	SEOA5896	SEOA6091a	SEOA6253	SEOA6402	SEOA6575a	SEOA6731
SEOA5605a	SEOA5760	SEOA5900	SEOA6093a	SEOA6254	SEOA6404	SEOA6579a	SEOA6732
SEOA5606a	SEOA5762	SEOA5909	SEOA6095a	SEOA6255	SEOA6405	SEOA6580a	SEOA6733
SEOA5612a	SEOA5764	SEOA5911	SEOA6099a	SEOA6260	SEOA6413	SEOA6583a	SEOA6734
SEOA5613a	SEOA5765	SEOA5915	SEOA6100a	SEOA6261	SEOA6414	SEOA6591a	SEOA6736
SEOA5616a	SEOA5766	SEOA5917	SEOA6102a	SEOA6262	SEOA6419	SEOA6594a	SEOA6739
SEOA5621a	SEOA5767	SEOA5918	SEOA6103a	SEOA6265	SEOA6421	SEOA6607a	SEOA6743
SEOA5622a	SEOA5771	SEOA5924	SEOA6106a	SEOA6267	SEOA6423	SEOA6608a	SEOA6745
SEOA5623a	SEOA5774	SEOA5926	SEOA6107a	SEOA6270	SEOA6426	SEOA6610a	SEOA6747
SEOA5627a	SEOA5775	SEOA5927	SEOA6108a	SEOA6271	SEOA6429	SEOA6612a	SEOA6748
SEOA5636a	SEOA5777	SEOA5930	SEOA6114a	SEOA6273	SEOA6432	SEOA6613a	SEOA6750
SEOA5637a	SEOA5778	SEOA5932	SEOA6115a	SEOA6277	SEOA6433	SEOA6614a	SEOA6751
SEOA5640a	SEOA5780	SEOA5933	SEOA6118a	SEOA6281	SEOA6434	SEOA6615a	SEOA6752
SEOA5641a	SEOA5784	SEOA5935	SEOA6119a	SEOA6284	SEOA6435	SEOA6617a	SEOA6753
SEOA5642a	SEOA5785	SEOA5937	SEOA6123a	SEOA6286	SEOA6445a	SEOA6620a	SEOA6754
SEOA5644a	SEOA5787	SEOA5938	SEOA6129a	SEOA6287	SEOA6449a	SEOA6621a	SEOA7061a
SEOA5646a	SEOA5790	SEOA5942	SEOA6130a	SEOA6289	SEOA6450a	SEOA6622a	SEOA7064a
SEOA5649a	SEOA5792	SEOA5945	SEOA6132a	SEOA6293	SEOA6452a	SEOA7109a	SEOA7066a
SEOA5651a	SEOA5793	SEOA5946	SEOA6134a	SEOA6295	SEOA6453a	SEOA6624a	SEOA7069a
SEOA5655a	SEOA5794	SEOA5950	SEOA6136a	SEOA6296	SEOA6454a	SEOA6626a	SEOA7072a
SEOA5656a	SEOA5795	SEOA5955	SEOA6137a	SEOA6299	SEOA6456a	SEOA6630a	SEOA7074a
SEOA5658a	SEOA5798	SEOA5958	SEOA6140a	SEOA6304	SEOA6466a	SEOA6632a	SEOA7075a
SEOA5662a	SEOA5799	SEOA5969a	SEOA6143a	SEOA6308	SEOA6470a	SEOA6633a	SEOA7077a
SEOA5664a	SEOA5800	SEOA5971a	SEOA6144a	SEOA6311	SEOA6476a	SEOA6637a	SEOA7078a
SEOA5665a	SEOA5801	SEOA5976a	SEOA6146a	SEOA6313	SEOA6479a	SEOA6638a	SEOA7085a
SEOA5670a	SEOA5805	SEOA5977a	SEOA6150a	SEOA6314	SEOA6481a	SEOA6642a	SEOA7086a
SEOA5671a	SEOA5807	SEOA5978a	SEOA6151a	SEOA6315	SEOA6484a	SEOA6643a	SEOA7091a
SEOA5675a	SEOA5809	SEOA5979a	SEOA6152a	SEOA6316	SEOA6487a	SEOA6645a	SEOA7094a
SEOA5677a	SEOA5811	SEOA5982a	SEOA6155a	SEOA6317	SEOA6490a	SEOA6647a	SEOA7095a
SEOA5678a	SEOA5813	SEOA5988a	SEOA6156a	SEOA6323	SEOA6491a	SEOA6650a	SEOA7098a
SEOA5679a	SEOA5815	SEOA5991a	SEOA6160a	SEOA6332	SEOA6493a	SEOA6651a	SEOA7099a
SEOA5680a	SEOA5816	SEOA5992a	SEOA6161a	SEOA6334	SEOA6494a	SEOA6652a	SEOA7110a
SEOA5681a	SEOA5817	SEOA5994a	SEOA6163a	SEOA6337	SEOA6503a	SEOA6654a	SEOA7114a
SEOA5682a	SEOA5818	SEOA6001a	SEOA6164a	SEOA6342	SEOA6505a	SEOA6657a	SEOA7123a
SEOA5683a	SEOA5820	SEOA6008a	SEOA6166a	SEOA6344	SEOA6508a	SEOA6658a	SEOA7126a
SEOA5685a	SEOA5823	SEOA6009a	SEOA6168a	SEOA6345	SEOA6510a	SEOA6661a	SEOA7129a
SEOA5687a	SEOA5826	SEOA6015a	SEOA6172a	SEOA6346	SEOA6512a	SEOA6664a	SEOA7133a
SEOA5689a	SEOA5829	SEOA6019a	SEOA6174a	SEOA6347	SEOA6514a	SEOA6671a	SEOA7135a
SEOA5691a	SEOA5830	SEOA6027a	SEOA6175a	SEOA6355	SEOA6516a	SEOA6672a	SEOA7146a
SEOA5694a	SEOA5832	SEOA6029a	SEOA6177a	SEOA6357	SEOA6517a	SEOA6674a	SEOA7147a
SEOA5697a	SEOA5833	SEOA6032a	SEOA6178a	SEOA6358	SEOA6519a	SEOA6675a	SEOA7151a
SEOA5698a	SEOA5836	SEOA6033a	SEOA6181a	SEOA6359	SEOA6521a	SEOA6676a	SEOA7153a
SEOA5699a	SEOA5838	SEOA6034a	SEOA6183a	SEOA6360	SEOA6523a	SEOA6677a	SEOA7155a
SEOA5703a	SEOA5839	SEOA6035a	SEOA6184a	SEOA6363	SEOA6524a	SEOA6682a	SEOA7157a
SEOA5710a	SEOA5841	SEOA6036a	SEOA6189a	SEOA6364	SEOA6526a	SEOA6685a	SEOA7159a
SEOA5714a	SEOA5844	SEOA6038a	SEOA6191a	SEOA6365	SEOA6528a	SEOA6686a	SEOA7160a
SEOA5717a	SEOA5845	SEOA6039a	SEOA6192a	SEOA6367	SEOA6532a	SEOA6687a	SEOA7166a
SEOA5720a	SEOA5848	SEOA6050a	SEOA6193a	SEOA6371	SEOA6536a	SEOA6693a	SEOA7167a
SEOA5721a	SEOA5849	SEOA6051a	SEOA6198a	SEOA6373	SEOA6539a	SEOA6694a	SEOA7174a
SEOA5723a	SEOA5857	SEOA6058a	SEOA6201a	SEOA6374	SEOA6540a	SEOA6695a	SEOA7175a
SEOA5731a	SEOA5858	SEOA6060a	SEOA6203a	SEOA6377	SEOA6541a	SEOA6696a	SEOA7177a
SEOA5733a	SEOA5859	SEOA6064a	SEOA6210a	SEOA6379	SEOA6543a	SEOA6697a	SEOA7178a
SEOA5734a	SEOA5863	SEOA6066a	SEOA6220	SEOA6386	SEOA6550a	SEOA6698a	SEOA7181a
SEOA5736a	SEOA5866	SEOA6068a	SEOA6221	SEOA6387	SEOA6552a	SEOA6701a	SEOA7184a
SEOA5741a	SEOA5868	SEOA6069a	SEOA6223	SEOA6389	SEOA6553a	SEOA6702a	SEOA7186a
SEOA5742a	SEOA5870	SEOA6070a	SEOA6226	SEOA6390	SEOA6554a	SEOA6704a	SEOA7187a
SEOA7188a	SEOA7352a	SEOA7526a	SEOA7675a	SEOA8370a	MIOA0105	MIOA0240a	MIOA0384a
SEOA7190a	SEOA7361a	SEOA7535a	SEOA7676a	SEOA8371a	MIOA0109	MIOA0243a	MIOA0394a
SEOA7192a	SEOA7365a	SEOA7536a	SEOA7892a	SEOA8372a	MIOA0110	MIOA0245a	MIOA0395a
SEOA7196a	SEOA7366a	SEOA7541a	SEOA7899a	SEOA8374a	MIOA0111	MIOA0247a	MIOA0397a
SEOA7197a	SEOA7369a	SEOA7542a	SEOA7902a	SEOA8377a	MIOA0113	MIOA0248a	MIOA0400a
SEOA7199a	SEOA7373a	SEOA7543a	SEOA7910a	SEOA8383a	MIOA0114	MIOA0251a	MIOA0401a
SEOA7201a	SEOA7378a	SEOA7544a	SEOA7914a	SEOA8384a	MIOA0115	MIOA0252a	MIOA0407a
SEOA7204a	SEOA7380a	SEOA7546a	SEOA7915a	SEOA8387a	MIOA0117	MIOA0253a	MIOA0408a
SEOA7206a	SEOA7383a	SEOA7547a	SEOA7917a	SEOA8388a	MIOA0118	MIOA0255a	MIOA0411a
SEOA7211a	SEOA7385a	SEOA7549a	SEOA7918a	SEOA8389a	MIOA0122	MIOA0256a	MIOA0412a

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 6 of 10)

SEOA7212a	SEOA7386a	SEOA7551a	SEOA7919a	SEOA8391a	MIOA0126	MIOA0257	MIOA0419a
SEOA7213a	SEOA7387a	SEOA7552a	SEOA7920a	SEOA8392a	MIOA0128	MIOA0258n	MIOA0449
SEOA7214a	SEOA7390a	SEOA7553a	SEOA7924a	SEOA8393a	MIOA0132	MIOA0261	MIOA0450
SEOA7216a	SEOA7393a	SEOA7555a	SEOA7926a	SEOA8395a	MIOA0135	MIOA0263	MIOA0451
SEOA7218a	SEOA7394a	SEOA7563a	SEOA7928a	SEOA8396a	MIOA0143	MIOA0264	MIOA0452
SEOA7220a	SEOA7399a	SEOA7564a	SEOA7929a	SEOA8397a	MIOA0145	MIOA0265n	MIOA0453
SEOA7223a	SEOA7403a	SEOA7565a	SEOA7930a	SEOA8399a	MIOA0147	MIOA0266n	MIOA0454
SEOA7225a	SEOA7404a	SEOA7571a	SEOA7931a	SEOA8401a	MIOA0152	MIOA0269	MIOA0455
SEOA7226a	SEOA7408a	SEOA7573a	SEOA7933a	SEOA8406a	MIOA0153	MIOA0270	MIOA0456
SEOA7228a	SEOA7411a	SEOA7574a	SEOA7935a	SEOA8407a	MIOA0154	MIOA0273	MIOA0459
SEOA7229a	SEOA7415a	SEOA7577a	SEOA7940a	MIOA0010a	MIOA0156	MIOA0274	MIOA0461
SEOA7231a	SEOA7416a	SEOA7580a	SEOA7943a	MIOA0013a	MIOA0157	MIOA0275n	MIOA0462n
SEOA7239a	SEOA7417a	SEOA7582a	SEOA7945a	MIOA0022a	MIOA0158	MIOA0281n	MIOA0466
SEOA7240a	SEOA7419a	SEOA7583a	SEOA7948a	MIOA0024a	MIOA0161	MIOA0286	MIOA0467
SEOA7244a	SEOA7421a	SEOA7584a	SEOA7951a	MIOA0026a	MIOA0162	MIOA0288	MIOA0473
SEOA7245a	SEOA7422a	SEOA7587a	SEOA7952a	MIOA0029a	MIOA0164	MIOA0289	MIOA0474
SEOA7249a	SEOA7433a	SEOA7589a	SEOA7953a	MIOA0032a	MIOA0165	MIOA0291	MIOA0477
SEOA7250a	SEOA7436a	SEOA7595a	SEOA8165a	MIOA0033a	MIOA0166	MIOA0294	MIOA0478
SEOA7251a	SEOA7442a	SEOA7602a	SEOA8167a	MIOA0037a	MIOA0168n	MIOA0296	MIOA0482n
SEOA7256a	SEOA7443a	SEOA7603a	SEOA8171a	MIOA0039a	MIOA0169	MIOA0299n	MIOA0483
SEOA7257a	SEOA7444a	SEOA7605a	SEOA8173a	MIOA0044a	MIOA0171	MIOA0300	MIOA0484
SEOA7261a	SEOA7448a	SEOA7607a	SEOA8174a	MIOA0045a	MIOA0172	MIOA0303	MIOA0485
SEOA7263a	SEOA7449a	SEOA7608a	SEOA8177a	MIOA0046a	MIOA0174	MIOA0304	MIOA0487
SEOA7268a	SEOA7451a	SEOA7610a	SEOA8179a	MIOA0049a	MIOA0175n	MIOA0306n	MIOA0488n
SEOA7271a	SEOA7453a	SEOA7612a	SEOA8186a	MIOA0051a	MIOA0177n	MIOA0307	MIOA0493
SEOA7272a	SEOA7455a	SEOA7615a	SEOA8187a	MIOA0053a	MIOA0181	MIOA0308	MIOA0494
SEOA7274a	SEOA7458a	SEOA7620a	SEOA8188a	MIOA0054a	MIOA0183	MIOA0309	MIOA0497n
SEOA7277a	SEOA7459a	SEOA7622a	SEOA8191a	MIOA0057a	MIOA0189	MIOA0311n	MIOA0498n
SEOA7278a	SEOA7460a	SEOA7623a	SEOA8195a	MIOA0058a	MIOA0190	MIOA0314	MIOA0501
SEOA7281a	SEOA7466a	SEOA7624a	SEOA8199a	MIOA0059a	MIOA0192	MIOA0315	MIOA0502
SEOA7286a	SEOA7467a	SEOA7629a	SEOA8200a	MIOA0061a	MIOA0195a	MIOA0316	MIOA0504n
SEOA7289a	SEOA7471a	SEOA7633a	SEOA8202a	MIOA0062a	MIOA0197a	MIOA0320	MIOA0508n
SEOA7294a	SEOA7472a	SEOA7635a	SEOA8306a	MIOA0065a	MIOA0201a	MIOA0321	MIOA0510
SEOA7295a	SEOA7474a	SEOA7639a	SEOA8310a	MIOA0066a	MIOA0203a	MIOA0322	MIOA0513n
SEOA7296a	SEOA7476a	SEOA7640a	SEOA8313a	MIOA0068a	MIOA0204a	MIOA0323	MIOA0514
SEOA7298a	SEOA7477a	SEOA7642a	SEOA8317a	MIOA0070a	MIOA0207a	MIOA0325	MIOA0516
SEOA7299a	SEOA7478a	SEOA7643a	SEOA8321a	MIOA0071a	MIOA0209a	MIOA0328	MIOA0520n
SEOA7300a	SEOA7481a	SEOA7645a	SEOA8323a	MIOA0072a	MIOA0210a	MIOA0329n	MIOA0521
SEOA7301a	SEOA7483a	SEOA7647a	SEOA8324a	MIOA0074a	MIOA0212a	MIOA0332	MIOA0524
SEOA7313a	SEOA7484a	SEOA7648a	SEOA8327a	MIOA0075a	MIOA0213a	MIOA0334	MIOA0525
SEOA7314a	SEOA7485a	SEOA7649a	SEOA8331a	MIOA0076a	MIOA0215a	MIOA0335	MIOA0528
SEOA7315a	SEOA7487a	SEOA7651a	SEOA8334a	MIOA0078a	MIOA0218a	MIOA0341	MIOA0529
SEOA7316a	SEOA7489a	SEOA7652a	SEOA8335a	MIOA0081a	MIOA0219a	MIOA0342	MIOA0530
SEOA7317a	SEOA7496a	SEOA7653a	SEOA8343a	MIOA0082a	MIOA0220a	MIOA0343n	MIOA0531
SEOA7318a	SEOA7500a	MIOA0003a	SEOA8347a	MIOA0083a	MIOA0221a	MIOA0354a	MIOA0533
SEOA7320a	SEOA7503a	MIOA0004a	SEOA8351a	MIOA0084a	MIOA0222a	MIOA0355a	MIOA0535n
SEOA7322a	SEOA7504a	MIOA0005a	SEOA8354a	MIOA0085a	MIOA0223a	MIOA0361a	MIOA0538
SEOA7324a	SEOA7509a	MIOA0008a	SEOA8355a	MIOA0089a	MIOA0224a	MIOA0363a	MIOA0541n
SEOA7328a	SEOA7511a	SEOA7655a	SEOA8357a	MIOA0090a	MIOA0225a	MIOA0364a	MIOA0542
SEOA7334a	SEOA7517a	SEOA7659a	SEOA8358a	MIOA0092a	MIOA0228a	MIOA0365a	MIOA0544
SEOA7335a	SEOA7519a	SEOA7662a	SEOA8359a	MIOA0093a	MIOA0230a	MIOA0375a	MIOA0545a
SEOA7337a	SEOA7521a	SEOA7666a	SEOA8360a	MIOA0095a	MIOA0235a	MIOA0378a	MIOA0546a
SEOA7341a	SEOA7522a	SEOA7668a	SEOA8361a	MIOA0098	MIOA0236a	MIOA0380a	MIOA0548a
SEOA7342a	SEOA7523a	SEOA7669a	SEOA8364a	MIOA0102	MIOA0237a	MIOA0381a	MIOA0550a
SEOA7344a	SEOA7524a	SEOA7672a	SEOA8366a	MIOA0104	MIOA0238a	MIOA0382a	MIOA0551a
MIOA0553a	MIOA0730	MIOA0876a	MIOA0987	MIOA1143	MIOA1304	MIOA1444	MIOA1559
MIOA0554a	MIOA0731	MIOA0879a	MIOA0989n	MIOA1144	MIOA1310	MIOA1445	MIOA1560
MIOA0572n	MIOA0734	MIOA0880a	MIOA0991n	MIOA1145	MIOA1312	MIOA1446	MIOA1561
MIOA0577a	MIOA0736	MIOA0882a	MIOA0992n	MIOA1147	MIOA1314a	MIOA1447	MIOA1562
MIOA0578a	MIOA0743	MIOA0884a	MIOA0993n	MIOA1149	MIOA1318a	MIOA1448	MIOA1564m
MIOA0579a	MIOA0744	MIOA0885a	MIOA0994	MIOA1150	MIOA1319a	MIOA1450	MIOA1565n
MIOA0580a	MIOA0745	MIOA0886a	MIOA0995	MIOA1151	MIOA1320a	MIOA1452	MIOA1566
MIOA0581a	MIOA0747	MIOA0887a	MIOA0996n	MIOA1154	MIOA1321a	MIOA1454	MIOA1568
MIOA0582a	MIOA0750	MIOA0890a	MIOA0999	MIOA1156	MIOA1322a	MIOA1455	MIOA1569
MIOA0586a	MIOA0751	MIOA0891a	MIOA1003	MIOA1158	MIOA1325a	MIOA1459	MIOA1570
MIOA0588a	MIOA0752	MIOA0892a	MIOA1004	MIOA1159	MIOA1326a	MIOA1461n	MIOA1571
MIOA0589a	MIOA0753n	MIOA0893a	MIOA1006	MIOA1161	MIOA1327a	MIOA1462	MIOA1572

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 7 of 10)

MIOA0591a	MIOA0758	MIOA0894a	MIOA1008	MIOA1163	MIOA1329a	MIOA1463	MIOA1573
MIOA0592a	MIOA0759	MIOA0896a	MIOA1009	MIOA1165	MIOA1337a	MIOA1464	MIOA1574
MIOA0594a	MIOA0760	MIOA0897a	MIOA1010	MIOA1166	MIOA1339a	MIOA1465	MIOA1580
MIOA0595a	MIOA0761	MIOA0898a	MIOA1015	MIOA1169	MIOA1342a	MIOA1467	MIOA1582
MIOA0597a	MIOA0763n	MIOA0899a	MIOA1019	MIOA1170	MIOA1343a	MIOA1468	MIOA1584
MIOA0600a	MIOA0764	MIOA0900a	MIOA1024	MIOA1171	MIOA1344a	MIOA1469	MIOA1585
MIOA0601a	MIOA0765n	MIOA0902a	MIOA1025	MIOA1172	MIOA1349a	MIOA1471	MIOA1590
MIOA0602a	MIOA0766	MIOA0905a	MIOA1027	MIOA1173	MIOA1352a	MIOA1473	MIOA1592
MIOA0605a	MIOA0767	MIOA0906a	MIOA1030	MIOA1176	MIOA1353a	MIOA1476	MIOA1593
MIOA0610a	MIOA0768n	MIOA0908a	MIOA1044	MIOA1177	MIOA1354a	MIOA1477	MIOA1594
MIOA0611a	MIOA0769n	MIOA0909a	MIOA1045	MIOA1180	MIOA1356a	MIOA1479m	MIOA1595
MIOA0614a	MIOA0772	MIOA0910a	MIOA1048	MIOA1182	MIOA1361a	MIOA1483m	MIOA1597
MIOA0616a	MIOA0774n	MIOA0911a	MIOA1049	MIOA1185	MIOA1362a	MIOA1484	MIOA1602a
MIOA0618a	MIOA0775n	MIOA0912a	MIOA1052	MIOA1186	MIOA1364a	MIOA1485	MIOA1603a
MIOA0621a	MIOA0776n	MIOA0915a	MIOA1054	MIOA1189	MIOA1369a	MIOA1488	MIOA1604a
MIOA0624a	MIOA0777n	MIOA0916a	MIOA1057	MIOA1192	MIOA1370a	MIOA1491m	MIOA1605A
MIOA0625a	MIOA0778	MIOA0918a	MIOA1058	MIOA1193	MIOA1373a	MIOA1494	MIOA1606a
MIOA0626a	MIOA0780n	MIOA0920a	MIOA1059	MIOA1197n	MIOA1375a	MIOA1495m	MIOA1607a
MIOA0629a	MIOA0781	MIOA0924a	MIOA1060	MIOA1198	MIOA1377a	MIOA1496	MIOA1608a
MIOA0630a	MIOA0782n	MIOA0925a	MIOA1062	MIOA1199	MIOA1379a	MIOA1498n	MIOA1610a
MIOA0632a	MIOA0783	MIOA0932	MIOA1068	MIOA1200	MIOA1380a	MIOA1503	MIOA1612a
MIOA0633a	MIOA0783n	MIOA0933	MIOA1070	MIOA1212	MIOA1383a	MIOA1505	MIOA1621a
MIOA0637a	MIOA0790	MIOA0934	MIOA1071	MIOA1213	MIOA1385a	MIOA1506	MIOA1626a
MIOA0639a	MIOA0791	MIOA0935	MIOA1072	MIOA1223m	MIOA1388a	MIOA1508	MIOA1628a
MIOA0644	MIOA0795n	MIOA0936	MIOA1073	MIOA1228	MIOA1391a	MIOA1509	MIOA1630a
MIOA0645	MIOA0797	MIOA0937	MIOA1075	MIOA1230	MIOA1392a	MIOA1512n	MIOA1632a
MIOA0647	MIOA0798	MIOA0938	MIOA1076	MIOA1231	MIOA1394a	MIOA1513	MIOA1636a
MIOA0677	MIOA0803	MIOA0941	MIOA1078	MIOA1236	MIOA1397a	MIOA1517	MIOA1640a
MIOA0680	MIOA0804	MIOA0942	MIOA1079	MIOA1239	MIOA1398a	MIOA1518	MIOA1641a
MIOA0682n	MIOA0806	MIOA0943	MIOA1081	MIOA1241n	MIOA1399a	MIOA1519	MIOA1645a
MIOA0683	MIOA0809	MIOA0948	MIOA1082	MIOA1242	MIOA1400a	MIOA1520	MIOA1646a
MIOA0684	MIOA0811	MIOA0949	MIOA1084	MIOA1243	MIOA1401a	MIOA1522	MIOA1647a
MIOA0685	MIOA0813	MIOA0950	MIOA1085	MIOA1248	MIOA1403a	MIOA1524	MIOA1648a
MIOA0689	MIOA0814	MIOA0952	MIOA1086	MIOA1252	MIOA1405a	MIOA1527	MIOA1649a
MIOA0690	MIOA0817	MIOA0953	MIOA1087	MIOA1255m	MIOA1409	MIOA1528	MIOA1650a
MIOA0692	MIOA0819	MIOA0954	MIOA1088	MIOA1256	MIOA1410m	MIOA1529	MIOA1652a
MIOA0694	MIOA0820	MIOA0955	MIOA1091	MIOA1259	MIOA1411n	MIOA1531	MIOA1654a
MIOA0697	MIOA0823	MIOA0958	MIOA1092	MIOA1263	MIOA1412	MIOA1532	MIOA1655a
MIOA0699	MIOA0824	MIOA0959	MIOA1094	MIOA1264	MIOA1413	MIOA1533	MIOA1656a
MIOA0701	MIOA0826	MIOA0960	MIOA1097	MIOA1266	MIOA1414	MIOA1534	MIOA1657a
MIOA0702	MIOA0831	MIOA0961	MIOA1099	MIOA1267	MIOA1416	MIOA1537	MIOA1658a
MIOA0706	MIOA0832	MIOA0963	MIOA1100	MIOA1276m	MIOA1420n	MIOA1538	MIOA1661a
MIOA0707	MIOA0840a	MIOA0964	MIOA1120	MIOA1278m	MIOA1424	MIOA1539	MIOA1662a
MIOA0708	MIOA0842a	MIOA0965	MIOA1123	MIOA1279m	MIOA1426	MIOA1541m	MIOA1665a
MIOA0712	MIOA0843a	MIOA0968	MIOA1128	MIOA1285	MIOA1427	MIOA1542m	MIOA1667a
MIOA0717	MIOA0849a	MIOA0969n	MIOA1130	MIOA1286	MIOA1431	MIOA1546	MIOA1671a
MIOA0718	MIOA0855a	MIOA0971	MIOA1133	MIOA1287	MIOA1434	MIOA1547	MIOA1673a
MIOA0719	MIOA0857a	MIOA0972	MIOA1134	MIOA1290	MIOA1435	MIOA1548	MIOA1674a
MIOA0720n	MIOA0860a	MIOA0977	MIOA1136	MIOA1291n	MIOA1438	MIOA1550	MIOA1676a
MIOA0721	MIOA0861a	MIOA0978n	MIOA1137	MIOA1293n	MIOA1439	MIOA1551	MIOA1677a
MIOA0723	MIOA0868a	MIOA0983	MIOA1138	MIOA1294n	MIOA1440	MIOA1554n	MIOA1679a
MIOA0724	MIOA0869a	MIOA0984	MIOA1139	MIOA1300n	MIOA1442	MIOA1555	MIOA1685a
MIOA0726n	MIOA0874a	MIOA0986	MIOA1140	MIOA1303	MIOA1443	MIOA1556	MIOA1686a
MIOA1687a	MIOA1844a	MIOA1980a	MIOA2124	MIOA2285a	MIOA2430a	MIOA2573a	MIOA2759a
MIOA1689a	MIOA1845a	MIOA1981a	MIOA2125	MIOA2287a	MIOA2434a	MIOA2574a	MIOA2760a
MIOA1690a	MIOA1847a	MIOA1982a	MIOA2128	MIOA2288a	MIOA2436a	MIOA2575a	MIOA2762a
MIOA1693a	MIOA1848a	MIOA1984a	MIOA2137	MIOA2291a	MIOA2437a	MIOA2576a	MIOA2764a
MIOA1695a	MIOA1849a	MIOA1985	MIOA2140	MIOA2292a	MIOA2446a	MIOA2577a	MIOA2766a
MIOA1697	MIOA1851a	MIOA1986	MIOA2142	MIOA2295a	MIOA2447a	MIOA2580a	MIOA2768a
MIOA1699	MIOA1852a	MIOA1991	MIOA2146	MIOA2300a	MIOA2448a	MIOA2584a	MIOA2769a
MIOA1701a	MIOA1854a	MIOA1992	MIOA2147	MIOA2301a	MIOA2449a	MIOA2587a	MIOA2772a
MIOA1706a	MIOA1856m	MIOA1994	MIOA2148	MIOA2303a	MIOA2451a	MIOA2589a	MIOA2775a
MIOA1708a	MIOA1857m	MIOA1996	MIOA2149	MIOA2306a	MIOA2452a	MIOA2596a	MIOA2783a
MIOA1711a	MIOA1864a	MIOA1997	MIOA2150	MIOA2316a	MIOA2454a	MIOA2598a	MIOA2786a
MIOA1714a	MIOA1868a	MIOA2004	MIOA2152	MIOA2320a	MIOA2457a	MIOA2601a	MIOA2788a
MIOA1715a	MIOA1870a	MIOA2006	MIOA2158a	MIOA2327a	MIOA2459a	MIOA2604a	MIOA2790a
MIOA1716a	MIOA1871a	MIOA2008	MIOA2160a	MIOA2328a	MIOA2463a	MIOA2606a	MIOA2791a

Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 8 of 10)

MIOA1717a	MIOA1874a	MIOA2009	MIOA2167a	MIOA2330a	MIOA2465a	MIOA2607a	MIOA2794a
MIOA1719a	MIOA1881a	MIOA2010	MIOA2172a	MIOA2331a	MIOA2466a	MIOA2608a	MIOA2795a
MIOA1723a	MIOA1882a	MIOA2013	MIOA2173a	MIOA2333a	MIOA2470a	MIOA2609a	MIOA2796a
MIOA1726a	MIOA1885a	MIOA2015	MIOA2174a	MIOA2334a	MIOA2471a	MIOA2615a	MIOA2798a
MIOA1729a	MIOA1887a	MIOA2021	MIOA2177a	MIOA2335a	MIOA2472a	MIOA2616a	MIOA2800a
MIOA1731	MIOA1889a	MIOA2022	MIOA2183a	MIOA2337a	MIOA2475a	MIOA2618	MIOA2801a
MIOA1737	MIOA1890a	MIOA2028	MIOA2185a	MIOA2339a	MIOA2476a	MIOA2621	MIOA2805a
MIOA1743n	MIOA1891a	MIOA2031	MIOA2190a	MIOA2340a	MIOA2479a	MIOA2622	MIOA2806a
MIOA1745n	MIOA1894a	MIOA2032	MIOA2192a	MIOA2342a	MIOA2481a	MIOA2623	MIOA2807a
MIOA1750n	MIOA1896a	MIOA2033	MIOA2193a	MIOA2343a	MIOA2482a	MIOA2624	MIOA2808a
MIOA1752	MIOA1897a	MIOA2035	MIOA2199a	MIOA2344a	MIOA2483a	MIOA2625	MIOA2811a
MIOA1756	MIOA1899a	MIOA2039	MIOA2203a	MIOA2346a	MIOA2485a	MIOA2626	MIOA2812a
MIOA1757	MIOA1900a	MIOA2042	MIOA2204a	MIOA2348a	MIOA2487a	MIOA2627	MIOA2813a
MIOA1761	MIOA1901a	MIOA2043	MIOA2205a	MIOA2350a	MIOA2488a	MIOA2629	MIOA2814a
MIOA1763	MIOA1903a	MIOA2044	MIOA2207a	MIOA2351a	MIOA2490a	MIOA2632	MIOA2815a
MIOA1764	MIOA1906a	MIOA2046	MIOA2209a	MIOA2352a	MIOA2492a	MIOA2635	MIOA2816a
MIOA1765	MIOA1907a	MIOA2050	MIOA2210a	MIOA2353a	MIOA2493a	MIOA2639	MIOA2818a
MIOA1766	MIOA1910a	MIOA2051	MIOA2222a	MIOA2360a	MIOA2496a	MIOA2642	MIOA2825a
MIOA1767	MIOA1913a	MIOA2054	MIOA2223a	MIOA2361a	MIOA2499a	MIOA2646	MIOA2828a
MIOA1769	MIOA1914a	MIOA2058	MIOA2224a	MIOA2363a	MIOA2503a	MIOA2647	MIOA2830a
MIOA1773	MIOA1915a	MIOA2059n	MIOA2225a	MIOA2364a	MIOA2504a	MIOA2657a	MIOA2832a
MIOA1774	MIOA1916a	MIOA2060	MIOA2226a	MIOA2366a	MIOA2505a	MIOA2674a	MIOA2833a
MIOA1775	MIOA1920a	MIOA2062	MIOA2229a	MIOA2368a	MIOA2506a	MIOA2675a	MIOA2842a
MIOA1776	MIOA1921a	MIOA2063	MIOA2230a	MIOA2372a	MIOA2507a	MIOA2678a	MIOA2844a
MIOA1777n	MIOA1922a	MIOA2065	MIOA2235a	MIOA2373a	MIOA2509a	MIOA2679a	MIOA2846a
MIOA1778	MIOA1923a	MIOA2068	MIOA2236a	MIOA2374a	MIOA2511a	MIOA2684a	MIOA2848a
MIOA1779	MIOA1927a	MIOA2069	MIOA2238a	MIOA2375a	MIOA2515a	MIOA2687a	MIOA2851a
MIOA1780	MIOA1928a	MIOA2070	MIOA2239a	MIOA2377a	MIOA2521a	MIOA2691a	MIOA2852a
MIOA1785	MIOA1930a	MIOA2071	MIOA2242a	MIOA2379a	MIOA2522a	MIOA2693a	MIOA2853a
MIOA1791	MIOA1932a	MIOA2073	MIOA2247a	MIOA2381a	MIOA2528a	MIOA2694a	MIOA2854a
MIOA1792	MIOA1933a	MIOA2075	MIOA2248a	MIOA2384a	MIOA2531a	MIOA2696a	MIOA2856a
MIOA1794	MIOA1934a	MIOA2076	MIOA2249a	MIOA2385a	MIOA2533a	MIOA2698a	MIOA2857a
MIOA1795	MIOA1935a	MIOA2079n	MIOA2251a	MIOA2386a	MIOA2534a	MIOA2702a	MIOA2858a
MIOA1797m	MIOA1936a	MIOA2086	MIOA2256a	MIOA2388a	MIOA2536a	MIOA2707a	MIOA2861a
MIOA1798m	MIOA1939a	MIOA2087n	MIOA2259a	MIOA2393a	MIOA2537a	MIOA2708a	MIOA2864a
MIOA1800m	MIOA1941a	MIOA2090	MIOA2260a	MIOA2394a	MIOA2541a	MIOA2709a	MIOA2868a
MIOA1802m	MIOA1942a	MIOA2091	MIOA2261a	MIOA2395a	MIOA2546a	MIOA2714a	MIOA2869a
MIOA1803m	MIOA1944a	MIOA2092n	MIOA2262a	MIOA2398a	MIOA2547a	MIOA2717a	MIOA2886a
MIOA1811a	MIOA1947a	MIOA2093	MIOA2263a	MIOA2399a	MIOA2548a	MIOA2718a	MIOA2887a
MIOA1818a	MIOA1948a	MIOA2094	MIOA2264a	MIOA2400a	MIOA2550a	MIOA2720a	MIOA2890a
MIOA1819a	MIOA1949a	MIOA2097	MIOA2265a	MIOA2402a	MIOA2551a	MIOA2722a	MIOA2893a
MIOA1822a	MIOA1952a	MIOA2098	MIOA2266a	MIOA2409a	MIOA2555a	MIOA2725a	MIOA2895a
MIOA1827a	MIOA1953a	MIOA2103	MIOA2268a	MIOA2412a	MIOA2556a	MIOA2730a	MIOA2898a
MIOA1828a	MIOA1955a	MIOA2104	MIOA2269a	MIOA2413a	MIOA2557a	MIOA2734a	MIOA2900a
MIOA1830a	MIOA1963a	MIOA2106	MIOA2273a	MIOA2421a	MIOA2561a	MIOA2740a	MIOA2901a
MIOA1832a	MIOA1965a	MIOA2111	MIOA2274a	MIOA2423a	MIOA2563a	MIOA2743a	MIOA2902a
MIOA1834a	MIOA1966a	MIOA2112	MIOA2275a	MIOA2424a	MIOA2564a	MIOA2747a	MIOA2905a
MIOA1835a	MIOA1967a	MIOA2114	MIOA2277a	MIOA2425a	MIOA2565a	MIOA2750a	MIOA2907a
MIOA1839a	MIOA1971a	MIOA2116	MIOA2278a	MIOA2426a	MIOA2567a	MIOA2753a	MIOA2908a
MIOA1840a	MIOA1978a	MIOA2118	MIOA2279a	MIOA2427a	MIOA2568a	MIOA2756a	MIOA2909a
MIOA1841a	MIOA1979a	MIOA2122	MIOA2281a	MIOA2428a	MIOA2570a	MIOA2758a	MIOA2915a
MIOA2917a	MIOA3073a	MIOA3243a	MIOA3369a	MIOA3504a	MIOA3636a	MIOA3744a	MIOA3873
MIOA2922a	MIOA3079a	MIOA3248a	MIOA3370a	MIOA3505a	MIOA3637a	MIOA3748a	MIOA3878
MIOA2923a	MIOA3080a	MIOA3251a	MIOA3375a	MIOA3510a	MIOA3639a	MIOA3751a	MIOA3881a
MIOA2926a	MIOA3082a	MIOA3252a	MIOA3377a	MIOA3512a	MIOA3640a	MIOA3752a	MIOA3883a
MIOA2933a	MIOA3083a	MIOA3254a	MIOA3378a	MIOA3513a	MIOA3641a	MIOA3754a	MIOA3888a
MIOA2934a	MIOA3084a	MIOA3255a	MIOA3380a	MIOA3514a	MIOA3645a	MIOA3755a	MIOA3889a
MIOA2937a	MIOA3086a	MIOA3259a	MIOA3384a	MIOA3518a	MIOA3646a	MIOA3757a	MIOA3890a
MIOA2939a	MIOA3089a	MIOA3262a	MIOA3387a	MIOA3519a	MIOA3648a	MIOA3758a	MIOA3891a
MIOA2940a	MIOA3092a	MIOA3265a	MIOA3388a	MIOA3520a	MIOA3649a	MIOA3760a	MIOA3893a
MIOA2941a	MIOA3097a	MIOA3266a	MIOA3389a	MIOA3521a	MIOA3650a	MIOA3764	MIOA3894a
MIOA2945a	MIOA3098a	MIOA3268a	MIOA3390a	MIOA3524a	MIOA3652a	MIOA3765	MIOA3895a
MIOA2946a	MIOA3101a	MIOA3269a	MIOA3392a	MIOA3525a	MIOA3653a	MIOA3766	MIOA3899a
MIOA2948a	MIOA3102a	MIOA3271	MIOA3393a	MIOA3527a	MIOA3654a	MIOA3767	MIOA3903a
MIOA2949a	MIOA3104a	MIOA3272	MIOA3394a	MIOA3528a	MIOA3655a	MIOA3770	MIOA3904a
MIOA2950a	MIOA3111a	MIOA3274	MIOA3395a	MIOA3530a	MIOA3657a	MIOA3772	MIOA3905a
MIOA2953a	MIOA3112a	MIOA3275	MIOA3396a	MIOA3531a	MIOA3658a	MIOA3773	MIOA3907a





Figure 8 - List of Novel and Known Gene Clones from Mild OA and Severe OA Libraries on Microarray (page 10 of 10)

MIOA4057a	MIOA4224	MIOA4384a	MIOA4600a	MIOA4748	MIOA4893a	MIOA5109a	MIOA5333a
MIOA4058a	MIOA4226	MIOA4386	MIOA4601a	MIOA4749	MIOA4896a	MIOA5111a	MIOA5346a
MIOA4059a	MIOA4229	MIOA4387	MIOA4602a	MIOA4751	MIOA4898a	MIOA5113a	MIOA5348a
MIOA4061a	MIOA4236	MIOA4389	MIOA4605a	MIOA4753	MIOA4902a	MIOA5115a	MIOA5349a
MIOA4064a	MIOA4238	MIOA4390	MIOA4606a	MIOA4756	MIOA4905a	MIOA5116a	MIOA5351a
MIOA4066a	MIOA4241	MIOA4391	MIOA4612a	MIOA4759	MIOA4912a	MIOA5117a	MIOA5355a
MIOA4069a	MIOA4242	MIOA4394	MIOA4616a	MIOA4763	MIOA4916a	MIOA5120a	MIOA5356a
MIOA4072a	MIOA4244	MIOA4396	MIOA4619a	MIOA4764	MIOA4921a	MIOA5122a	MIOA5357a
MIOA4073a	MIOA4245	MIOA4403	MIOA4621a	MIOA4765	MIOA4927a	MIOA5127a	MIOA5359a
MIOA4076a	MIOA4246	MIOA4409	MIOA4622a	MIOA4766	MIOA4939a	MIOA5131a	MIOA5364a
MIOA4077a	MIOA4247	MIOA4410	MIOA4626a	MIOA4767	MIOA4941a	MIOA5133a	MIOA5366a
MIOA4081a	MIOA4251	MIOA4411	MIOA4627a	MIOA4769	MIOA4943a	MIOA5138a	MIOA5368a
MIOA4083a	MIOA4252	MIOA4417	MIOA4628a	MIOA4770	MIOA4944a	MIOA5139a	MIOA5373a
MIOA4086a	MIOA4255	MIOA4419	MIOA4630a	MIOA4771	MIOA4953a	MIOA5141a	MIOA5390a
MIOA4089a	MIOA4258	MIOA4421	MIOA4632a	MIOA4775	MIOA4954a	MIOA5143a	MIOA5391a
MIOA4090a	MIOA4261	MIOA4427	MIOA4635a	MIOA4776	MIOA4955a	MIOA5144a	MIOA5394a
MIOA4092a	MIOA4264	MIOA4429	MIOA4636a	MIOA4778	MIOA4956a	MIOA5147a	MIOA5395a
MIOA4094a	MIOA4265	MIOA4466a	MIOA4638a	MIOA4779	MIOA4957a	MIOA5150a	MIOA5396a
MIOA4096a	MIOA4267	MIOA4468a	MIOA4639a	MIOA4782a	MIOA4959a	MIOA5156a	MIOA5397a
MIOA4102	MIOA4268	MIOA4472a	MIOA4640a	MIOA4783a	MIOA4963a	MIOA5157a	MIOA5400a
MIOA4106	MIOA4269	MIOA4474a	MIOA4641a	MIOA4786a	MIOA4964a	MIOA5165a	MIOA5402a
MIOA4109	MIOA4270	MIOA4476a	MIOA4643a	MIOA4787a	MIOA4972a	MIOA5170a	MIOA5403a
MIOA4111	MIOA4272	MIOA4477a	MIOA4646a	MIOA4788a	MIOA4973a	MIOA5171a	MIOA5404a
MIOA4112	MIOA4275	MIOA4483a	MIOA4647a	MIOA4789a	MIOA4975a	MIOA5172a	MIOA5408a
MIOA4114	MIOA4276	MIOA4484a	MIOA4650a	MIOA4791a	MIOA4978a	MIOA5173a	MIOA5409a
MIOA4115	MIOA4277	MIOA4486a	MIOA4653a	MIOA4792a	MIOA4982a	MIOA5176a	MIOA5411m
MIOA4120	MIOA4278	MIOA4491a	MIOA4655a	MIOA4793a	MIOA4985a	MIOA5178a	MIOA5412a
MIOA4121	MIOA4281	MIOA4493a	MIOA4658a	MIOA4795a	MIOA4987a	MIOA5180a	MIOA5420a
MIOA4122	MIOA4285	MIOA4496a	MIOA4661a	MIOA4796a	MIOA4989a	MIOA5186a	MIOA5421a
MIOA4128	MIOA4286	MIOA4499a	MIOA4667a	MIOA4800a	MIOA4991a	MIOA5189a	MIOA5422a
MIOA4131	MIOA4287	MIOA4501a	MIOA4669a	MIOA4803a	MIOA4992a	MIOA5196a	MIOA5427a
MIOA4134	MIOA4290a	MIOA4502a	MIOA4670a	MIOA4804a	MIOA5000a	MIOA5198a	
MIOA4135	MIOA4292a	MIOA4504a	MIOA4677	MIOA4806a	MIOA5001a	MIOA5199a	
MIOA4136	MIOA4295a	MIOA4508a	MIOA4678	MIOA4809a	MIOA5002a	MIOA5202a	
MIOA4143	MIOA4299a	MIOA4509a	MIOA4683	MIOA4810a	MIOA5004a	MIOA5203a	
MIOA4144	MIOA4300a	MIOA4518a	MIOA4686	MIOA4813a	MIOA5006a	MIOA5204a	
MIOA4149	MIOA4301a	MIOA4519a	MIOA4688	MIOA4818a	MIOA5010a	MIOA5205a	
MIOA4150	MIOA4303a	MIOA4525a	MIOA4690	MIOA4820a	MIOA5013a	MIOA5209a	
MIOA4151	MIOA4308a	MIOA4528a	MIOA4694	MIOA4824a	MIOA5014a	MIOA5212a	
MIOA4156	MIOA4309a	MIOA4532a	MIOA4695	MIOA4826a	MIOA5015a	MIOA5216a	
MIOA4161	MIOA4311a	MIOA4534a	MIOA4696	MIOA4827a	MIOA5016a	MIOA5217a	
MIOA4164	MIOA4317a	MIOA4536a	MIOA4697	MIOA4829a	MIOA5017a	MIOA5219a	
MIOA4167	MIOA4318a	MIOA4539a	MIOA4700	MIOA4830a	MIOA5018a	MIOA5221a	
MIOA4168	MIOA4320a	MIOA4542a	MIOA4701	MIOA4834a	MIOA5020a	MIOA5229a	
MIOA4169	MIOA4321a	MIOA4548a	MIOA4702	MIOA4838a	MIOA5021a	MIOA5231a	
MIOA4170	MIOA4323a	MIOA4550a	MIOA4704	MIOA4845a	MIOA5030a	MIOA5233a	
MIOA4171	MIOA4324a	MIOA4551a	MIOA4706	MIOA4846a	MIOA5033a	MIOA5245a	

**Figure 9**

**Candidate Up-regulated Genes in Mild OA Library**

No.	Sequence Name	Gene Name	Accession Number
1	SEO00290	No sequence match	
2	MIOA0601a	Beta-globin	emb V00497
3	MIOA4572a	Cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB) (=X04011)	gi 4557506
4	SEO04040a	Class II invariant gamma-chain	emb X03340
5	MIOA1839a	Thymosin beta-4	gb IM17733
6	SEO03887	EST(nz80g08.s1 NCI CGAP GCB1 clone IMAGE:1301822)	gb AA767226
7	SEO03880	EST(tms4e09.x1 NCI CGAP Kid11 clone IMAGE:2161960 3' contains Alu repeat)	gb A1478625.1
8	SEO02000a	la-associated invariant gamma-chain gene	gb IM13560
9	SEO03935	DNA sequence (UWGC:y18282 from 6p21)	gb AC004190
10	SEO00174a	Promyelocytic leukemia cell	gb IM11948
11	MIOA2983a	Megakaryocyte stimulating factor	gb U70736
12	SEO03648a	Ribosomal protein S23	dbj AB007158
13	SEO02970a	Major histocompatibility class II antigen gamma chain	gb K01144
14	MIOA3581a	EST(om82e10.s1 NCI CGAP Kid3 clone IMAGE:1553706 3')	gb AA983535
15	MIOA0682n	DNA sequence (HS_3009_A2_C04_T7 CIT Approved Human Genomic Sperm Library D)	gb AQ130698
16	SEO04204a	Monocyte chemotactic protein-3 (MCP-3)	X72308
17	SEO04214a	EST_zf99d07.r1 Soares testis NHT cDNA clone 730477 5'	AA412384
18	MIOA1996	DNA sequence (Chromosome X)	gb AC002416
19	SEO04382a	Vacuolar H(-)-ATPase subunit mRNA, complete cds	AF038954
20	MIOA1556	MHC class I HLA-C-alpha-2 chain	gb IM24097
21	MIOA2114	No sequence match	
22	MIOA3163a	Stearoyl-CoA desaturase (SCD)	gb AF097514.1
23	MIOA2451a	Adipocyte lipid-binding protein	gb J02874
24	SEO00279	S100E calcium binding protein	emb Z18950
25	MIOA5127a	EST_ng06h03.s1 NCI CGAP Li1 IMAGE:928661	AA501695
26	SEO02892a	Fc-gamma-receptorIIb (FCGR3B)	gb IM90746
27	SEO03665a	Growth arrest and DNA-damage-inducible protein (gadd45)	gb IM60974
28	SEO01448a	MHC class I HLA-Bw62, haplotype A1/A2.B8/Bw62.Cw3/Cw7 (clone pMF28)	gb IM28204
29	MIOA1773	EST(zc34b09.s1 Soares senescent fibroblasts NbHSF clone 324185 3')	gb W47478
30	SEO02833n	Hypothetical protein cDNA DKFZp586J021 similar to Cavia porcellus metalloproteinase inhibitor TIMP-2 mRNA, complete cds(AF127803.1)	AL110197.1
31	MIOA4827a	mRNA expressed only in placental villi, clone SMAP47	AB019564
32	SEO02974a	Metalloproteinase inhibitor TIMP-2	gb AF127803.1
33	MIOA2436a	EST(nc50d05.r1 NCI CGAP_P3 clone IMAGE:1011561 contains Alu repeat)	gb AA229076
34	MIOA4601a	Cytochrome c oxidase subunit II gene (ORF), mitochondrial gene encoding mitochondrial protein,	AF004339
35	SEO04009	NADH dehydrogenase subunit 2 (ND2)	gb AF014897.2
36	MIOA0501	DNA sequence (clone 1000E10 on chromosome 1p12-13.3)	emb AL096773.6

Median ratio is equal to or greater than 2.0

\* detected only in severe OA library by EST analysis, ie not detected in mild OA library

\*\* observed to have higher expression in severe OA library as compared to mild OA library by EST analysis

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U.S. PTO  
02/28/02



**Figure 10**

**Candidate Downregulated Genes in Mild OA Library**

No.	Sequence Name	Gene Name	Accession Number
1	SEOA0866	EST (wj34b11.x1 NCI CGAP_Kid12 clone IMAGE:2404701 3')	gb AI816793.1
2	seoa1145a	small acidic protein	gb U51678
3	seoa1596a	B-cell translocation protein 1 (BTG1)	emb X61123
4	seoa1300a	osteopontin	dbj D14813
5	SEOA2136	EST(EST78578 Pineal gland 1.5')	gb AA367442
6	seoa2534	EST(zk86d01.s1 Soares pregnant uterus NbHPU clone 489697 3')	gb AA099585
7	seoa2358a	vimentin (HuVim3)	gb IM25246
8	seoa5366	tenascin= hexabrachion	emb X56160
9	seoa5498a	EST(ol31g10.s1 Soares NFL_T_GBC_S1 clone IMAGE:1525122 3')	gb AA913562
10	seoa5694a	EST(wk80f06.x1 NCI CGAP_Pan1 clone IMAGE:2421731 3')	gb AI813984.1
11	seoa5932	EST(tg37c12.x1 Soares NFL_T_GBC_S1 clone IMAGE:2110966 3')	gb AI418593
12	MIOA0764	Novel	
13	seoa7289a	EST(df04e10.y1 Morton Fetal Cochlea clone IMAGE:2482675 5')	gb AW020116.1
14	mioa1647a	EST (wg44e11.x1 Soares NSF_F8_9W_OT_PA_P_S1 clone IMAGE:2367980 3')	gb AI742654.1
15	mioa1677a	EST (ok24e10.s1 Soares NSF_F8_9W_OT_PA_P_S1 clone IMAGE:1508778 3')	gb AA897786
16	mioa3124a	EST(df19f04.y1 Morton Fetal Cochlea clone IMAGE:2483862 5')	gb AW021164.1
17	mioa2454a	EST(wj32h12.x1 NCI CGAP_Kid12 clone IMAGE:2404583 3')	gb AI819228.1
18	mioa2678a	EST(yo59a03.r1 clone 182188 5')	gb H30104
19	mioa3277	EST(zx10c10 s1 Soares total fetus Nb2HF8 9w clone 786066 3')	gb AA448648
20	mioa3473a	Id-2H	dbj D13891
21	mioa3872	DNA sequence (CpG island DNA genomic Mse1 fragment, clone 70g11, reverse read cpg70g11.rt1a)	emb Z62622
22	mioa4394	EST_yd36b07.r1 cDNA clone 110293 5'	T82005
23	mioa3873	DNA sequence (DKFZp586P2421 clone DKFZp586P2421)	emb AL110267.1
24	mioa4311a	EST(aorta GEN-204H02 5')	dbj D61737
25	seoa0890n	chitinase precursor (HUMTCHIT)	gb U58514
26	SEOA1380	EST(yh88a12.s1 clone 136798 3')	gb R36451
27	SEOA1523	Novel	
28	SEOA1914	Novel	
29	seoa2979a	connective tissue growth factor	gb U14750
30	seoa3740a	EST(tm33a02.x1 NCI CGAP_Kid11 clone IMAGE:2159882 3')	gb AI480082.1
31	seoa5267a	ribonuclease, RNase A family, 4 (RNASE4), =D37931	NM_002937.1
32	seoa6160a	EST(gt26b11.x1 Soares_pregnant_uterus_NbHPU clone IMAGE:1949085 3')	gb AI342123
33	seoa6647a	EST(zd17g02.s1 Soares fetal heart NbHH19W clone 340946 3')	gb W57810
34	seoa6721	EST(yw24e10.r1 clone 253194 5')	gb H88893
35	mioa0074a	EST (tm33a02.x1 NCI CGAP_Kid11 clone IMAGE:2159882 3')	gb AI480082.1
36	MIOA0751	EST (aorta GEN-233F03 5')	dbj D62028
37	mioa1414	EST(EST98866 Thyroid 5')	gb AA385002
38	mioa1560	Novel	
39	mioa1690a	EST (tz92d08.x1 NCI CGAP_Kid11 clone IMAGE:2296047 3')	gb AI636068.1
40	mioa1542m	EST_yw36b06.s1 cDNA clone 254291 3'	N22257
41	mioa1841a	EST(tj57e04.x1 Soares_NSF_F8_9W_OT_PA_P_S1 clone IMAGE:2145630 3' contains Alu repeat)	gb AI463569
42	mioa1737	EST(zw18b09.s1 Soares ovary tumor NbHOT clone 769625 3' contains L1.11 MER12 repeat)	gb AA428305
43	mioa2568a	osteoinductive factor OIF	gb AF100758.1
44	mioa2564a	EST(tm33a02.x1 NCI CGAP_Kid11 clone IMAGE:2159882 3')	gb AI480082.1
45	mioa2398a	collagen alpha-1 type XI (COL11A1)	gb J04177
46	mioa4136	EST_qe49g12.x1 Soares_fetal_lung_NbHL19W IMAGE:1742374 3'	AI185817
47	mioa4587a	Novel	

Median ratio is equal to or less than 0.2

Figure 11

## Candidate Upregulated Genes in Severe OA Library

No.	Sequence Name	Gene Name	Accession Number
1	MIOA310a	Proline arginine-rich end leucine-rich repeat protein (PRELP) =U29089 (ORF)	NM_002725.1
2	MIOA4136	EST_qe49g12.x1 Soares_fetal_lung_NbHL19W IMAGE:1742374 3'	A185817
3	MIOA4421	EST_zx10c10.r1 Soares_total_fetus_Nb2HF8_9w_cDNA_clone_786066 5'	AA448744
4	MIOA4206	EST_th94b03.x1 Soares_NSF_F8_9W_OT_PA_P_S1 IMAGE:2126285 3'	A1435406
5	MIOA3944a	RASF-A PLA2 (synovial phospholipase)	gb M22431
6	MIOA3807	DNA sequence (clone 23767 and 23782)	gb AF007150
7	MIOA2564a	EST(tm33a02.x1 NCI_CGAP_Kid11 clone IMAGE:2159882 3')	gb A480082.1
8	MIOA1841a	EST(tj57e04.x1 Soares_NSF_F8_9W_OT_PA_P_S1 clone IMAGE:2145630 3' contains Alu repeat)	gb A453569
9	MIOA1542m	EST_yw36b06.s1 cDNA clone 254291 3'	N22257
10	MIOA1690a	EST(tz92d08.x1 NCI_CGAP_Kid11 clone IMAGE:2296047 3')	gb A1636068.1
11	MIOA1134	Novel	
12	MIOA0751	EST (aorta GEN-233F03 5')	db JID62028
13	SEOA3836	Novel	
14	MIOA0074a	EST (tm33a02.x1 NCI_CGAP_Kid11 clone IMAGE:2159882 3')	gb A1480082.1
15	SEOA7373a	Hypothetical protein (KIAA0693)	db JAB014593
16	SEOA3740a	EST(tm33a02.x1 NCI_CGAP_Kid11 clone IMAGE:2159882 3')	gb A1480082.1
17	SEOA3924	Novel	
18	SEOA3543a	EST(zd07g07.r1 NCI_CGAP_GCB1 clone IMAGE:712476 5')	gb AA280112
19	SEOA3739a	Chondroitin/dermatan sulfate proteoglycan (PG40) core protein (decorin)	gb M14219
20	SEOA3766a	SP40.40 (=M63379 TRPM-2 protein)	gb L00974
21	SEOA3538a	YKL-39 precursor (=U58514 chitinase precursor)	gb U49835
22	SEOA2603	Novel	
23	SEOA0890n	Chitinase precursor (HUMTCHIT)	gb U58514
24	MIOA4567a	Hypothetical protein (KIAA0062)	db JID31887
25	SEOA3556a	Maternal-embryonic 3 (Mem3)	gb U47024
26	MIOA3872	Ribosomal protein S29	NM_001032
27	MIOA2678a	EST(yo59a03.r1 clone 182188 5')	gb H30104
28	MIOA2561a	EST(df04e10.y1 Morton Fetal Cochlea clone IMAGE:2482675 5')	gb AW020116.1
29	MIOA0958	EST (aorta GEN-328B10 5')	db JID62811
30	SEOA7289a	EST(df04e10.y1 Morton Fetal Cochlea clone IMAGE:2482675 5')	gb AW020116.1
31	SEOA2358a	Vimentin (HuVim3)	gb M25246
32	SEOA2986a	DNA sequence (chromosome 6 clone 608E8)	emb AL022343.5
33	SEOA2136	EST(EST78578 Pineal gland I 5')	gb AA367442
34	SEOA1300a	Osteopontin	db JID14813
35	SEOA0379	Integral membrane serine protease Seprase	gb U76833
36	SEOA0218a	Hexabrachion (HXB) (=tenascin)	gb M55618
37	SEOA1403	Phospholipase A2, membrane associated precursor (Phosphatidylcholine 2-acylhydrolase)	sp P14555
38	SEOA0866	EST (wj34b11.x1 NCI_CGAP_Kid12 clone IMAGE:2404701 3')	gb A1816793.1

Median ratio is equal to or greater than 2.0

\* detected only in severe OA library by EST analysis and not in mild OA library

\*\* observed to have higher expression in severe OA library as compared to mild OA library by EST analysis

Figure 12

## Candidate Downregulated Genes in Severe OA Library

No.	Sequence Name	Gene Name	Accession Number
1	seoa0541n	DNA sequence (chromosome 21q22.1, D21S226-AML region, clone B2344F14-f50E8, segment 5/9)	dbj/AP000169.1
2	mioa1561	EST(zp01h08.r1 Stratagene ovarian cancer (#937219) clone 595167 5')	gb/AA174046
3	mioa2531a	high endothelial venule	emb/X82157
4	SEOA0200A	la-associated invariant gamma-chain gene	gb/IM13560
5	seoa0174a	promyelocytic leukemia cell	gb/IM11948
6	seoa3335	DNA sequence (UWGC-y18c282 from 6p21)	gb/AC004190
7	mioa1839a	thymosin beta-4	gb/IM17733
8	mioa2451a	adipocyte lipid-binding protein	gb/J02874
9	mioa3765	selenoprotein P	emb/JZ11793
10	MIOA1605A	hypothetical protein (clone PLACE1005187) (weakly similar to APAG PROTEIN)	dbj/AK001943.1
11	seoa3472a	MHC class II HLA-DR-beta-1 (HLA-DRB1)	gb/IM33600
12	seoa3387	EST(nz80g08.s1 NCI CGAP_GCB1 clone IMAGE:1301822)	gb/AA767226
13	mioa0682n	DNA sequence (HS_3009_A2_C04_T7 CIT Approved Human Genomic Sperm Library D)	gb/AQ130698
14	mioa2963a	heparin-binding EGF-like growth factor	gb/IM60278
15	mioa2223a	EST(zd60a07.r1 Soares fetal heart NbHH19W clone 345012 5')	gb/JW76307
16	seoa2892a	Fc-gamma-receptorIIIB(FcGR3B)	gb/IM90746
17	mioa1556	MHC class I HLA-C-alpha-2 chain	gb/IM24097
18	mioa2983a	megakaryocyte stimulating factor	gb/U70136
19	mioa0601a	beta-globin	emb/V00497
20	mioa1750n	Novel	
21	mioa4572a	cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB) (=X04011)	gi/4557506
22	seoa1448a	MHC class I HLA-Bw62, haplotype A1/A2.B8/Bw62.Cw3/Cw7 (clone pMF28)	gb/IM28204
23	mioa3754a	EST(wj18b08.x1 NCI CGAP_Kid12 clone IMAGE:2403159 3')	gb/AI796445.1
24	mioa2499a	DNA sequence (chromosome 17, clone hRPK 259_G_18)	gb/AC005829
25	mioa2642	lipoprotein lipase	gb/IM15856
26	mioa1803m	EST_yq20a12.s1 Soares fetal liver spleen 1NFLS cDNA clone 274102 3'	H49472
27	mioa1555	EST(jy10e03.r1 clone 148348 5')	gb/H13072
28	mioa2238a	DNA sequence (BAC clone RG118P15 from 8q21)	gb/AC005066
29	mioa3149a	DNA sequence (HS_5336_B2_E05_T7A RPCI-11 Male BAC Library)	gb/AQ569402.1
30	seoa6514a	Novel	
31	mioa1996	DNA sequence (Chromosome X)	gb/AC002416
32	mioa3657a	unnamed protein product	dbj/AK001832
33	SEOA0759	DNA sequence (BAC clone NH0494A09 from 7p21-p15 1)	gb/AC006381
34	seoa3949a	transmembrane protein with EGF-like and two follistatin-like domains 1 (TMEFF1)	gb/U19878
35	mioa2635	Sec62 (Sec62)	gb/U93239
36	mioa3163a	stearoyl-CoA desaturase (SCD)	gb/AF097514.1
37	mioa2292a	caldesmon	gb/IM64110
38	mioa1777n	EST (ng20f01.s1 NCI CGAP_Ov2 clone IMAGE:929977)	gb/AA503150
39	seoa3993a	uncharacterized protein	dbj/AK001049
40	mioa1592	EST(qb82d07.x1 Soares fetal heart NbHH19W clone IMAGE:1706605 3')	gb/AI131563
41	mioa4114	unnamed protein product (ORF)	AK001925
42	mioa1737	EST(zw18b09.s1 Soares ovary tumor NbHOT clone 769625 3' contains L1 t1 MER12 repeat)	gb/AA428305
43	mioa2608a	EST(as39c11.x1 Barstead aorta HPLRB6 clone IMAGE 2319572 3')	gb/AI708684.1
44	SEOA1526	EST (EST100124 Pancreas tumor I 5')	gb/AA294981
45	seoa2826	Novel	
46	SEOA0427	EST (zo25g06.s1 Stratagene colon (#937204) clone 587962 3')	gb/AA135431
47	mioa1479m	unnamed protein product (ORF)	AK001241
48	SEOA0913	antigen (p24/CD9)	gb/L34068
49	seoa3794a	Novel	
50	mioa1719a	Novel	
51	seoa3563a	CD59 protein	emb/JZ14115

Median ratio is equal to or less than 0.2

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1	bfcn0190n	56	fcr6825	111	hfc1523	166	hfc17359	221	MIOA0954
2	BFCN0252	57	FCR6908	112	hfc1541	167	hfc17407	222	mioa1072
3	bfc0049	58	fcr7232	113	hfc1549	168	hfc17575	223	MIOA1078
4	bfc0311	59	fcr7238	114	hfc1552	169	hfc17628	224	MIOA1081
5	BFCW0074	60	FCR7315	115	hfc1554	170	hfc17710	225	MIOA1084
6	bfcw0312n	61	fcr7325	116	hfc1555	171	hfc17795	226	MIOA1094
7	contigmar22-010017	62	FCR7368	117	hfc1581	172	hfc17984	227	MIOA1136
8	cr0304	63	FCR7370	118	hfc1596	173	hfc18005	228	mioa1212
9	cr0506	64	fcr7387	119	hfc1603	174	hfc18046	229	MIOA1259
10	cr0517	65	FCR7388	120	hfc1611	175	hfc18190	230	MIOA1267
11	FCR0196	66	FCR7446	121	hfc1612	176	hfc18237	231	mioa1339a
12	fcr0356n	67	FCR7549	122	hfc1613	177	hfc18378	232	mioa1434
13	fcr0434	68	FCR7637	123	hfc1620	178	hfc18634	233	MIOA1459
14	FCR0680	69	fcr7731	124	hfc1621	179	hfc18691	234	mioa1463
15	FCR0708	70	fcrb0045	125	hfc1626	180	hfc18699	235	MIOA1765
16	FCR1090	71	fcrb0205	126	hfc1627	181	hfc18702	236	MIOA2033
17	fcr1220nn	72	fcrb0280	127	hfc1628	182	hfc18709	237	MIOA2114
18	fcr1418	73	fcrb0350	128	hfc1630	183	hfc18713	238	mioa2476a
19	fcr1440	74	fcrb0363	129	hfc1631	184	hfc18716	239	mioa3098a
20	fcr1597	75	fcrb0613	130	hfc1640	185	hfc18723	240	mioa3701a
21	fcr1821nn	76	fcrb0620	131	hfc1672	186	hfc18728	241	mioa3881a
22	fcr1965	77	fcrb0938	132	hfc1690	187	hfc18730	242	mioa3895a
23	fcr1969nn	78	fcrb0958	133	hfc1821	188	hfc18817	243	mioa3896a
24	fcr1978nn	79	fcrb1175	134	hfc1978	189	hfc18843	244	mioa4045a
25	FCR2268	80	fcrb1379	135	hfc2243	190	hfc18897	245	MIOA4275
26	FCR2609	81	fcrb1516	136	hfc2521	191	hfc18977	246	MIOA4330a
27	fcr2618	82	fcrb1870	137	hfc2627	192	hfc19013	247	MIOA4391
28	fcr2622n	83	fcrb2358	138	hfc2654	193	hfc19115	248	MIOA4616a
29	FCR2951	84	fcrb2388	139	hfc3001	194	hfc19165	249	mioa4706
30	fcr2979n	85	fcrb2603	140	hfc3006	195	hfc19229	250	MIOA4880a
31	FCR3004N	86	hfc0080	141	hfc3008	196	hfc19268	251	MIOA5324a
32	fcr3534n	87	hfc0081	142	hfc3069	197	hfc19298	252	MIOA5496a
33	FCR3639	88	hfc0133	143	hfc3377	198	hfc19411	253	mioa5619a
34	fcr3756	89	hfc0203	144	hfc3382	199	hfc19424	254	MIOA5655
35	fcr3792	90	hfc0275	145	hfc3550	200	hfc19466	255	mioa5829a
36	FCR4720	91	hfc0463	146	hfc3672	201	hfc19470	256	mioa5861an
37	FCR4735	92	hfc0604	147	hfc3990	202	hfc19701	257	MIOA5905a
38	fcr4844n	93	hfc0721	148	hfc4281	203	hfc19815	258	mioa5984a
39	FCR4868	94	hfc0791	149	hfc4342	204	hfc19893	259	MIOA6003a
40	FCR4951	95	hfc1014	150	hfc4730	205	hfc19895	260	mioa6111a
41	FCR4980	96	hfc1019	151	hfc4732	206	hfc19916	261	mioa6117a
42	FCR4996	97	hfc1028	152	hfc4782	207	hfc19974	262	MIOA6409a
43	fcr5017	98	hfc1035	153	hfc4848	208	hfc19980	263	MIOA6628a
44	fcr5071	99	hfc1041	154	hfc6138	209	hfc19981	264	mioa6634a
45	fcr5120n	100	hfc1429	155	hfc6319	210	mioa0492m	265	MIOA6666a
46	FCR5221	101	hfc1438	156	hfc6383	211	mioa0524	266	MIOA6670a
47	fcr5414	102	hfc1446	157	hfc6423	212	MIOA0602a	267	MIOA6865a
48	fcr5591	103	hfc1450	158	hfc6593	213	MIOA0718	268	MIOA6955a
49	fcr5612	104	hfc1461	159	hfc6757	214	MIOA0772	269	mioa7198a
50	fcr5621	105	hfc1462	160	hfc6897	215	mioa0780n	270	mioa7458a
51	fcr6010	106	hfc1465	161	hfc7156	216	MIOA0782n	271	mioa7571a
52	fcr6014	107	hfc1466	162	hfc7189	217	mioa0798	272	mioa7933
53	fcr6015	108	hfc1472	163	hfc7215	218	mioa0806	273	MIOA8210
54	fcr6351n	109	hfc1480	164	hfc7266	219	mioa0932	274	MIOA8258
55	fcr6488	110	hfc1505	165	hfc7336	220	MIOA0948	275	MIOA8297

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276	MIOA8386	331	miob2800	386	ncr3522	441	ncrb2934	496	seoa0725a
277	mioa8397a	332	miob3182	387	ncr3538	442	ncrb3216	497	seoa0739m
278	MIOA8417	333	miob3209	388	ncr3732	443	ncrb4053	498	SEOA0875
279	MIOA8418	334	miob3217	389	ncr3816	444	ncrb4068	499	seoa0970
280	MIOA8421	335	miob3424	390	ncr3974	445	ncrb4098	500	seoa0972m
281	MIOA8423	336	miob3547	391	ncr4021	446	ncrb4117	501	seoa1004m
282	mioa8434	337	miob3746	392	ncr4081	447	ncrb4181	502	SEOA1099a
283	MIOA8435	338	miob3959	393	ncr4154	448	ncrb4283	503	SEOA1329
284	mioa8443n	339	miob4062	394	ncr4401	449	ncrb4423	504	seoa1595an
285	MIOA8523	340	miob4084	395	ncr4582	450	ncrb4477	505	seoa1805a
286	MIOA8549	341	miob4235	396	ncr4698	451	ncrb4923	506	seoa1806a
287	mioa8726	342	miob4250	397	ncr4784	452	ncrb5215	507	seoa1807a
288	mioa8915n	343	miob4442	398	ncr4823	453	ncrb5269	508	seoa1809a
289	mioa9023	344	miob4627	399	ncr5048	454	ncrb5576	509	seoa1810a
290	mioa9058	345	miob4796	400	ncr5099	455	ncrb5700	510	seoa1814a
291	mioa9072n	346	miob4872	401	ncr5229	456	ncrb5736	511	seoa1815a
292	mioa9478	347	miob5415	402	ncr5253	457	ncrb6103	512	seoa1817a
293	mioa9665	348	miob5488	403	ncr5268	458	ncrb6147	513	SEOA1822a
294	mioa9748	349	miob5639	404	ncr5303	459	ncrb6229	514	seoa1823a
295	mioa9985	350	miob5833	405	ncr5462	460	ncrb6393	515	seoa1825a
296	miob0074n	351	miob5921	406	ncr5476	461	ncrb6591	516	seoa1826a
297	miob0381n	352	miob6027	407	ncr5583	462	ncrb6885	517	seoa1830a
298	miob0493	353	miob6453	408	ncr5618	463	ncrb6905	518	SEOA1866a
299	miob0630	354	miob6492	409	ncr5835	464	ncrb6945	519	seoa1918m
300	miob0798n	355	miob6519	410	ncr5967	465	ncrb7239	520	SEOA1955
301	miob0860	356	miob6637	411	ncr6083	466	ncrb7502	521	seoa2032m
302	miob0877	357	miob7010	412	ncr6133	467	ncrb7519	522	SEOA2056
303	miob1001	358	ncr0031	413	ncr6242	468	ncrb8372	523	seoa2125
304	miob1005	359	ncr0241	414	ncr6244	469	ncrc0748	524	SEOA2295a
305	miob1009	360	ncr0268	415	ncr6283	470	ncrc1320	525	SEOA2471
306	miob1060	361	ncr0277	416	ncr6420	471	ncrc1392	526	seoa2473m
307	miob1112	362	ncr0279	417	ncr6606	472	ncrc1724	527	SEOA2479
308	miob1150	363	ncr0282	418	ncr7007	473	ncrc2004	528	seoa2516
309	miob1157	364	ncr0358	419	ncr7185	474	ncrc2442	529	seoa2559m
310	miob1177	365	ncr0360	420	ncr7266	475	ncrc2940	530	seoa2584
311	miob1184	366	ncr0413	421	ncr7326	476	ncrc3508	531	SEOA2585
312	miob1233	367	ncr0539	422	ncr7577	477	ncrc3847	532	SEOA2603
313	miob1243	368	ncr0561	423	ncr7634	478	ncrc4441	533	seoa2623
314	miob1244	369	ncr0620	424	ncr7754	479	ncrc4485	534	SEOA2632
315	miob1283	370	ncr0767	425	ncr7944	480	ncrc4912	535	seoa2783
316	miob1768	371	ncr0783	426	ncr8248	481	ncrc5273	536	seoa2807
317	miob1861	372	ncr0786	427	ncr8821	482	ncrc5533	537	seoa3009a
318	miob1929	373	ncr0933	428	ncr8877	483	ncrc6483	538	seoa3176m
319	miob2127	374	ncr1087	429	ncr9321	484	ncrc9191	539	seoa3199m
320	MIOB2138	375	ncr1332	430	ncr9926	485	ncrc9208	540	SEOA3299
321	miob2203	376	ncr1411	431	ncrb0192	486	ncrc9243	541	seoa3597a
322	MIOB2214	377	ncr1594	432	ncrb0639	487	ncrc9247	542	seoa3675a
323	miob2276n	378	ncr1930	433	ncrb0848	488	ncrc9399	543	seoa3790a
324	miob2358	379	ncr2319	434	ncrb0870	489	ncrc9611	544	seoa3795a
325	miob2367n	380	ncr2608	435	ncrb0924	490	seoa0034m	545	seoa3836n
326	miob2394	381	ncr2687	436	ncrb1155	491	SEOA0082	546	seoa3924
327	miob2495	382	ncr2895	437	ncrb1322	492	seoa0201a	547	SEOA3977a
328	MIOB2554	383	ncr3033	438	ncrb1403	493	seoa0262m	548	seoa4122a
329	MIOB2583	384	ncr3167	439	ncrb2124	494	seoa0381	549	seoa4232a
330	MIOB2602	385	ncr3436	440	ncrb2427	495	seoa0386	550	SEOA4271a

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551	seoa4309a	606	seob6160						
552	seoa4447a	607	seob6457						
553	SEOA4603a	608	seob6642						
554	SEOA4657a	609	seob6730						
555	seoa4700a	610	seob6768						
556	seoa4962a	611	seob6842						
557	SEOA5319a	612	seob7008						
558	SEOA5391	613	seob7083						
559	seoa5450	614	seob7118						
560	SEOA5838	615	seob8262						
561	seoa5839	616	soa0026						
562	SEOA6230	617	soa0028n						
563	SEOA6583a	618	SOA0076						
564	seoa6632an								
565	seoa6807								
566	SEOA7387a								
567	seoa7422a								
568	seoa7728a								
569	seoa7924an								
570	seoa8144								
571	seoa8156								
572	seoa8187a								
573	SEOA8236								
574	seoa8280n								
575	SEOA8646								
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577	seoa9127								
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580	seoa9474n								
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## &gt;ncrc6142.seq

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## &gt;ncrc6144.seq

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Genbank: F55155.seq  
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Figure 14A – Normal Cartilage cDNA Library EST Sequences - Page657 of 776

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Figure 15 - Relative EST Frequency of Unique Known Genes Common to Fetal and Normal cDNA Libraries - Page 1 of 17

Total ESTs from each library		13398	17151
Gene Name	Accession #	Fetal	Normal
1 alpha gene sequence (=HSP90)	AF203815.1	11	561
2 ribosomal DNA complete repeating unit	U13369.1	11	303
3 mitochondrial genome (consensus sequence)	X62996	112	181
4 decorin (DCN)	NM_001920.1	14	172
5 collagen type II alpha 1 (COL2A1)	J00116.1	172	169
6 osteonectin gene (SPARC) secreted protein, acidic, cysteine-rich	M25746.1	42	149
7 mitochondrion, complete genome (=AF382012.1 haplotype M*1 mitochondrion)	NC_001807.2	96	141
8 matrix Gla protein (MGP)	X53331	6	140
9 proteoglycan 4 (=megakaryocyte stimulating factor)	AAB09089.1	10	138
10 ribosomal protein S27 (=metallopainstimulin 1 MPS1)	NM_001030.1	36	105
11 putative p150	AAC51271.1	4	99
12 collagen type I alpha 2 (COL1A2)	NM_000089.1	153	88
13 beta-2 microglobulin gene (B2M)	gb AF072097.1	6	88
14 metallothionein 1L (MT1L)	NM_002450.1	2	85
15 connective tissue growth factor (CTGF)	U14750	6	78
16 collagen type III alpha 1 (COL3A1)	X06700	54	77
17 elongation factor 1 alpha 1 (EEF1A1)	NM_001402.1	150	66
18 scrapie responsive protein 1 (SCRG1)	NM_007281.1	3	59
19 tumor protein translationally-controlled 1 (TPT1)	NM_003295.1	45	50
20 fibronectin (FN)	X02761.1	16	50
21 ribosomal protein L41	AF026844.1	22	47
22 ribosomal RNA 18S	X03205	12	47
23 LINE-1 REVERSE TRANSCRIPTASE HOMOLOG (=putative p150)	spP08547	1	46
24 reverse transCRiptase	D84391	1	45
25 ribosomal protein L7	X52967	45	44
26 fibromodulin (FMOD)	NM_002023.2	8	41
27 thymosin beta-4 (TMSB4X)	M17733	14	40
28 ribosomal protein S8 (RPS8)	NM_001012.1	42	35
29 ribosomal protein S6	M20020	27	35
30 ribosomal protein L21	U14967.1	17	34
31 lumican (LUM)	NM_002345.1	9	33
32 ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52)	gi4507760	7	32
33 vimentin gene (VIM)	Z19554	33	31
34 ribosomal protein S3a	M77234	22	31
35 ribosomal protein L31	NM_000993.1	15	31
36 ribosomal protein L9	U09953	47	30
37 annexin A2 (ANXA2)(lipocortin II)	NM_004039.1	14	28
38 ribonuclease, RNase A family, 1(pancreatic) (RefSeq aa 9e-73)	NP_002924.1	1	28
39 ribosomal protein L34 (RPL34)	NM_000995.1	23	27
40 Ribosomal protein L4	NM_000968.1	18	27
41 ribosomal protein L23	NM_000978.1	18	27
42 ribonuclease, RNase A	NM_002937.1	1	27
43 actin, beta (ACTB)	NM_001101.2	21	25
44 PRO2003	AF116679.1	14	24
45 ribosomal protein, large, P0 (RPLP0)	NM_001002.1	56	23
46 calmodulin 1 (phosphorylase kinase, delta) (CALM1)	NM_006888.1	7	23
47 collagen type I alpha 1 (COL1A1)	X06269	90	22
48 guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 (G	NM_006098.1	21	20
49 SU11 isolog	AF083441.1	8	20

Figure 15 - Relative EST Frequency of Unique Known Genes Common to Fetal and Normal cDNA Libraries - Page 2 of 17

50	NADH dehydrogenase	X81900	2	0.01%	20	0.12%
51	transcription elongation factor B (SIII), polypeptide 1-like (TCEB1L)	NM_003197.2	1	0.01%	20	0.12%
52	ribosomal protein S11 (RPS11)	NM_001015.1	38	0.28%	19	0.11%
53	ribosomal protein L37	L11567	34	0.25%	19	0.11%
54	H factor 1 (complement) (HF1)	NM_000186.1	1	0.01%	19	0.11%
55	collagen type XI alpha 1 (COL11A1)	NM_001854.1	46	0.34%	18	0.10%
56	ribosomal protein S4, X-linked (RPS4X)	NM_001007.1	33	0.25%	18	0.10%
57	S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin,	gi4506764	1	0.01%	18	0.10%
58	ribosomal protein L13a (RPL13A)	NM_012423.1	64	0.48%	17	0.10%
59	Ribosomal protein S20 (RPS20)	NM_001023.1	42	0.31%	17	0.10%
60	ribosomal protein L6	X69391	24	0.18%	17	0.10%
61	brain-expressed HHCPA78 homologue (VDUP1)	S73591	2	0.01%	17	0.10%
62	ribosomal protein L32 (RPL32)	NM_000994.1	38	0.28%	16	0.09%
63	ribosomal protein S29	L31610.1	18	0.13%	16	0.09%
64	transmembrane protein BRI	AF246221.1	4	0.03%	16	0.09%
65	cytochrome c oxidase subunit VIc (COX6C)	NM_004374.1	3	0.02%	16	0.09%
66	ribosomal protein L7a (surf 3) large subunit	M36072	25	0.19%	15	0.09%
67	signal recognition particle 14kD (homologous Alu RNA-binding protein)(SR	NM_003134.1	3	0.02%	15	0.09%
68	ribosomal protein L30	L05095.1	24	0.18%	14	0.08%
69	translationally controlled tumor protein (TCTP)	X16064	23	0.17%	14	0.08%
70	TSC-22 protein	U35048	8	0.06%	14	0.08%
71	ribosomal protein L22 (RPL22)	NM_000983.1	6	0.04%	14	0.08%
72	nucleolar phosphoprotein B23 (NPM1)	M28699	4	0.03%	14	0.08%
73	clusterin (CLU) SP40,40 (=M63379 TRPM-2 protein)	NM_001831.1	1	0.01%	14	0.08%
74	RIBOSOMAL PROTEIN L10 (QM PROTEIN) (TUMOR SUPPRESSOR QM)	spP27635	53	0.40%	13	0.08%
75	ribosomal protein S12	X53505	35	0.26%	13	0.08%
76	ribosomal protein S25 (RPS25)	NM_001028.1	17	0.13%	13	0.08%
77	ribosomal protein S23 (RPS23) =D14530 (ORF)	NM_001025.1	8	0.06%	13	0.08%
78	thioredoxin (TXN)	J04026	4	0.03%	13	0.08%
79	SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal s	NM_000346.1	4	0.03%	13	0.08%
80	heat shock 10kD protein 1 (chaperonin 10) (HSPE1)	NM_002157.1	1	0.01%	13	0.08%
81	ribosomal protein L37a	L22154	56	0.42%	12	0.07%
82	RIBOSOMAL PROTEIN L17	spP18621	31	0.23%	12	0.07%
83	ribosomal protein S17	M13932	28	0.21%	12	0.07%
84	ribosomal protein L27 (RPL27)	NM_000988.1	27	0.20%	12	0.07%
85	hH3.3B gene for histone H3.3	Z48950.1	10	0.07%	12	0.07%
86	ferritin L chain	M11147	9	0.07%	12	0.07%
87	ribosomal protein L24 (RPL24) (=ribosomal protein L30)	NM_000986.1	8	0.06%	12	0.07%
88	lysosomal membrane glycoprotein CD63 (=M59907 ME491;X07982)	M58485	7	0.05%	12	0.07%
89	CD63 antigen (melanoma 1 antigen) (CD63)	NM_001780.1	7	0.05%	12	0.07%
90	histone H3.3	Z48950	3	0.02%	12	0.07%
91	t-complex-associated-testis-expressed 1-like 1 (TCTEL1)	NM_006519.1	2	0.01%	12	0.07%
92	procollagen C-endopeptidase enhancer 2 (PCOLCE2)	NM_013363.1	1	0.01%	12	0.07%
93	electron transfer flavoprotein alpha-subunit	J04058.1	1	0.01%	12	0.07%
94	Ribosomal protein L36 (=RPL44)	AF077043.1	20	0.15%	11	0.06%
95	ribosomal protein L39	D79205	15	0.11%	11	0.06%
96	MORF-related gene X (KIAA0026) (=MRG15)	NM_012286.1	2	0.01%	11	0.06%
97	PRO1574 (mitochondrial proteolipid 68MP homolog (PLPM)	AF116639.1	2	0.01%	11	0.06%
98	reverse transcriptase related protein	prf1207289A	1	0.01%	11	0.06%
99	ribosomal protein L3 (RPL3)	NM_000967.1	42	0.31%	10	0.06%
100	ribosomal protein L13	AF112214	33	0.25%	10	0.06%
101	actin, gamma 1 (ACTG1)	NM_001614.1	31	0.23%	10	0.06%

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102	RIBOSOMAL PROTEIN L10A (CSA-19)(RPL10A)	P53025	18	0.13%	10	0.06%
103	ribosomal protein L35a	NM_000996.1	14	0.10%	10	0.06%
104	eukaryotic translation initiation factor 3 (EIF3S6) (=INT6)	NM_001568.1	13	0.10%	10	0.06%
105	H2A histone family, member Z (H2AFZ) = D28450.1	NM_002106.1	4	0.03%	10	0.06%
106	zinc finger protein 216 (ZNF216)	AF062072.1	3	0.02%	10	0.06%
107	cytochrome c oxidase subunit II gene (ORF)	AF004339	3	0.02%	10	0.06%
108	TPT1 gene for translationally controlled tumor protein (TCTP), exons 1-6	AJ400717.1	2	0.01%	10	0.06%
109	selenoprotein P (SEPP1)	Z11793	1	0.01%	10	0.06%
110	ribosomal protein S15a	X84407	23	0.17%	9	0.05%
111	cytoskeletal gamma-actin	X04098	19	0.14%	9	0.05%
112	prothymosin alpha	M14630	18	0.13%	9	0.05%
113	ribosomal protein S13	NM_001017.1	17	0.13%	9	0.05%
114	ATP synthase, H transporting, mitochondrial F0 complex, subunit g (ATP5)	Hs.107476	4	0.03%	9	0.05%
115	defender against cell death 1 (DAD1)	NM_001344.1	3	0.02%	9	0.05%
116	TI-227H (=tomoregulin; mitochondrial)	D50525	2	0.01%	9	0.05%
117	ATPase, H transporting, lysosomal (vacuolar proton pump) 9kD (ATP6H)	NM_003945.1	1	0.01%	9	0.05%
118	nuclear pore complex interacting protein (NPIC)	AF132984.1	1	0.01%	9	0.05%
119	ribosomal protein S24	M31520	23	0.17%	8	0.05%
120	ribosomal protein L5	U76609	23	0.17%	8	0.05%
121	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1)	NM_002136.1	14	0.10%	8	0.05%
122	polyubiquitin	E12605	13	0.10%	8	0.05%
123	ribosomal protein L12	L06505	12	0.09%	8	0.05%
124	ribosomal protein L38	Z26876	8	0.06%	8	0.05%
125	poly(A)-binding protein (PABP)	U68105	6	0.04%	8	0.05%
126	carboxypeptidase E (CPE)	NM_001873.1	6	0.04%	8	0.05%
127	cytochrome b (ORF)	U09500	5	0.04%	8	0.05%
128	Tigger1 transposable element	U49973.1	5	0.04%	8	0.05%
129	NADH dehydrogenase(ubiquinone) Fe-S protein 5 (15kD) (NADH-coenzym	NM_004552.1	4	0.03%	8	0.05%
130	thrombospondin 4 (THBS4)	NM_003248.1	4	0.03%	8	0.05%
131	F1-ATPase epsilon-subunit (ATP5E)	AF052955.1	3	0.02%	8	0.05%
132	frizzled-related protein (FRZB)	NM_001463.1	3	0.02%	8	0.05%
133	glucocorticoid-induced GILZ	AF228339	3	0.02%	8	0.05%
134	Fritz mRNA, complete cds	U91903.1	2	0.01%	8	0.05%
135	actin, alpha, cardiac muscle	NP_005150.1	2	0.01%	8	0.05%
136	vacuolar H-ATPase subunit	AF038954	1	0.01%	8	0.05%
137	serine/threonine protein kinase Kp78 splice variant CTAK75a	AF159295.1	1	0.01%	8	0.05%
138	ribosomal protein L27A	AB020236.1	34	0.25%	7	0.04%
139	ribosomal protein, large P2 (RPLP2)	NM_001004.1	14	0.10%	7	0.04%
140	tumor rejection antigen (gp96) 1 (TRA1)	X15187	10	0.07%	7	0.04%
141	ribosomal protein S7	M77233	8	0.06%	7	0.04%
142	guanine nucleotide binding protein (G protein), alpha stimulating activity po	BC008855.1	8	0.06%	7	0.04%
143	matrilin-3 (MATR3)	Y13341	7	0.05%	7	0.04%
144	guanine nucleotide binding protein (G protein), alpha stimulating activity po	NM_000516.2	7	0.05%	7	0.04%
145	lysosome-associated protein, transmembrane - 4alpha (=D14696.1 Human	U34259.1	6	0.04%	7	0.04%
146	Cyr61 protein (CYR61)	AF031385	6	0.04%	7	0.04%
147	ribosomal protein S26	NM_001029.1	6	0.04%	7	0.04%
148	serine protease=HTRA serine protease (PRSS11)=AF157623.1	Y07921	5	0.04%	7	0.04%
149	hexabrachion (tenascin C, cytotactin) (HXB)	NM_002160.1	4	0.03%	7	0.04%
150	palladin (KIAA0992)= CGI-151	NM_016081.1	3	0.02%	7	0.04%
151	collagen lysyl hydroxylase isoform 2 (PLOD2)	U84573	2	0.01%	7	0.04%
152	myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLCB), mRN	Hs.233936	2	0.01%	7	0.04%
153	procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase) 2 (P	Hs.41270	2	0.01%	7	0.04%



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154	KVLQT1 gene (=p150)	AJ006345.1	2	0.01%	7	0.04%
155	suppression of tumorigenicity 13 (Hsp70-interacting protein) (ST13)	NM_003932.1	2	0.01%	7	0.04%
156	spermidine/spermine N1-acetyltransferase	Z14136	1	0.01%	7	0.04%
157	epithelial membrane protein 1 (EMP1)	NM_001423.1	1	0.01%	7	0.04%
158	muscleblind (Drosophila)-like (MBNL) (=KIAA0428)	NM_021038.1	1	0.01%	7	0.04%
159	SOD-2 manganese superoxide dismutase	X65965	1	0.01%	7	0.04%
160	heat shock 70kD protein 10 (HSC71) (HSPA10)	NM_006597.1	1	0.01%	7	0.04%
161	MADS/MEF2-family transcription factor (MEF2C) mRNA, complete cds	L08895.1	1	0.01%	7	0.04%
162	ribosomal protein L15	NM_002948.1	26	0.19%	6	0.03%
163	collagen type IX alpha 3 (COL9A3)	AF026802.1	26	0.19%	6	0.03%
164	ribosomal protein L26	X69392	18	0.13%	6	0.03%
165	FK506 binding protein (Fkbp63)	AF090334	8	0.06%	6	0.03%
166	nascent-polypeptide-associated complex alpha polypeptide (NACA)	NM_005594.1	6	0.04%	6	0.03%
167	collagen type XIV variant C-terminal NC1 and 3'UTR	Y11711	6	0.04%	6	0.03%
168	Tis11d gene	U07802	5	0.04%	6	0.03%
169	transforming growth factor beta-stimulated protein TSC-22 (TSC22)	NM_006022.1	5	0.04%	6	0.03%
170	ADP/ATP translocase	J03592	5	0.04%	6	0.03%
171	ferritin heavy chain	L20941.1	4	0.03%	6	0.03%
172	testis enhanced gene transCRipt protein (TEGT)	AF033095	4	0.03%	6	0.03%
173	translocation protein 1(TLOC1)	NM_003262.1	3	0.02%	6	0.03%
174	mannosidase, beta A, lysosomal (MANBA) gene, and ubiquitin-conjugating	AF224669.1	3	0.02%	6	0.03%
175	lactate dehydrogenase B (LDH-B)	Y00711	3	0.02%	6	0.03%
176	peroxiredoxin 1 (PRDX1) (=NKEFA)	NM_002574.1	3	0.02%	6	0.03%
177	membrane protein CH1 (CH1)	AB020980	3	0.02%	6	0.03%
178	fibroblast activation protein, alpha; seprase (FAP)	NM_004460.1	2	0.01%	6	0.03%
179	cig19 (=D31887.1 KIAA0062)	AF026940.1	1	0.01%	6	0.03%
180	transmembrane protein (CD59)	M84349.1	1	0.01%	6	0.03%
181	chloride intracellular channel 4 like (CLIC4L)	NM_013943.1	1	0.01%	6	0.03%
182	protein C inhibitor [human, leukocytes, Genomic, 1402 nt, segment 5 of 5]	S69366.1	1	0.01%	6	0.03%
183	ubiquitin-conjugating enzyme E2B (RAD6 homolog) (UBE2B)	NM_003337.1	1	0.01%	6	0.03%
184	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1(NFKB1	AF213884.1	1	0.01%	6	0.03%
185	tubulin beta	AF070561	19	0.14%	5	0.03%
186	ribosomal protein L44 (RPL44)	NM_001001.1	14	0.10%	5	0.03%
187	v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS)	NM_005252.2	12	0.09%	5	0.03%
188	triosephosphate isomerase (TPI1)	M10036	8	0.06%	5	0.03%
189	myosin regulatory light chain	X54304	6	0.04%	5	0.03%
190	lysyl oxidase	U22384	6	0.04%	5	0.03%
191	insulin-like growth factor binding protein 5 (IGFBP5) gene	L27556.1	6	0.04%	5	0.03%
192	cathepsin K (pseudodysostosis)(CTSK)	NM_000396.1	5	0.04%	5	0.03%
193	B-cell translocation protein 1 (BTG1)	X61123	5	0.04%	5	0.03%
194	cytochrome c oxidase subunit VIIb	Z14244	4	0.03%	5	0.03%
195	cell division cycle 10 (homologous to CDC10 of S. cerevisiae) (CDC10)	NM_001788.1	4	0.03%	5	0.03%
196	activating transCRiption factor 4 (tax-responsive enhancer element B67) (A	gi4502264	4	0.03%	5	0.03%
197	integral membrane protein 2A (ITM2A)	NM_004867.1	4	0.03%	5	0.03%
198	transforming growth factor beta-induced, 68kD (TGFB1)	NM_000358.1	3	0.02%	5	0.03%
199	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2)	NM_001418.1	3	0.02%	5	0.03%
200	Sec61 gamma	AF054184	3	0.02%	5	0.03%
201	miCRosomal signal peptidase	AF061737	3	0.02%	5	0.03%
202	actin binding protein ABP620	AB029290.1	3	0.02%	5	0.03%
203	WSB-1 isoform	AF106684.1	3	0.02%	5	0.03%
204	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1)	NM_002137.1	3	0.02%	5	0.03%
205	peptidylglycine alpha-amidating monooxygenase (PAM)	M37721	2	0.01%	5	0.03%

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206	small nuclear ribonucleoprotein D2 polypeptide (16.5kD) (SNRPD2)	NM_004597.3	2	0.01%	5	0.03%
207	syndecan binding protein (syntenin) (SDCBP)(ORF) = AF000652.1	NM_005625.1	2	0.01%	5	0.03%
208	JKTBP2, JKTBP1, complete cds	AB017018.1	2	0.01%	5	0.03%
209	cartilage intermediate layer protein, CILP	AB022430.1	1	0.01%	5	0.03%
210	ring-box 1 (RBX1)	NM_014248.1	1	0.01%	5	0.03%
211	allograft inflammatory factor 1 (AIF1)	NM_001623.2	1	0.01%	5	0.03%
212	fragile 16D oxidoreductase (FOR)	AF217490.1	1	0.01%	5	0.03%
213	PRO1873	AF119859.1	1	0.01%	5	0.03%
214	poly(rC)-binding protein 2 (PCBP2)	NM_005016.1	1	0.01%	5	0.03%
215	collagen type IX alpha 1 (COL9A1)(ORF)	NM_001851.1	74	0.55%	4	0.02%
216	collagen type XI alpha2 (COL11A2)	U41068.1	34	0.25%	4	0.02%
217	lectin, galactoside-binding, soluble, 1 (galectin 1) (LGALS1)mRNA (=14 kd	NM_002305.2	22	0.16%	4	0.02%
218	T-cell cyclophilin	Y00052	18	0.13%	4	0.02%
219	chondromodulin I precursor (CHM-I)	NM_007015.1	15	0.11%	4	0.02%
220	ribosomal protein L14	D87735	12	0.09%	4	0.02%
221	heparan sulfate proteoglycan (HSPG) (OCI5)	J04621.1	9	0.07%	4	0.02%
222	annexin A5 (ANXA5)(lipocortin-V)	NM_001154.2	9	0.07%	4	0.02%
223	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member	NM_005888.1	6	0.04%	4	0.02%
224	nuclear protein SDK3 (=MEMA)	Y10351	6	0.04%	4	0.02%
225	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLRQ) (N	NM_002489.1	5	0.04%	4	0.02%
226	collagen type VI alpha 3 (COL6A3)	NM_004369.1	5	0.04%	4	0.02%
227	enhancer of rudimentary homologue	U66871	5	0.04%	4	0.02%
228	HSPC330 mRNA(=HSPC016)	AF161448.1	5	0.04%	4	0.02%
229	peripheral myelin protein 22	M94048	5	0.04%	4	0.02%
230	bone sialoprotein (BNSP)	L10363.1	5	0.04%	4	0.02%
231	lactate dehydrogenase A (LDHA)	NM_005566.1	4	0.03%	4	0.02%
232	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	NM_003404.1	4	0.03%	4	0.02%
233	heterogeneous nuclear ribonucleoprotein D-like (HNRPDL)	NM_005463.1	4	0.03%	4	0.02%
234	heterogeneous nuclear ribonucleoprotein D (hnRNP D) (52% aa)	D55671	4	0.03%	4	0.02%
235	platelet-derived growth factor receptor alpha (PDGFRA)	M21574	4	0.03%	4	0.02%
236	cyclin I	D50310	4	0.03%	4	0.02%
237	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (PPP2	NM_002715.1	4	0.03%	4	0.02%
238	melanoma growth regulatory protein MIA	X75450	4	0.03%	4	0.02%
239	phosphoglycerate kinase 1 (PGK1) (ORF)	NM_000291.1	3	0.02%	4	0.02%
240	Heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	NM_004501.1	3	0.02%	4	0.02%
241	alpha-2-macroglobulin	D83196	3	0.02%	4	0.02%
242	sin3 associated polypeptide (SAP18)	AF153608	3	0.02%	4	0.02%
243	ubiquinol-cytochrome c reductase complex (7.2 kD); hypothetical protein (F	NP_037519.1	2	0.01%	4	0.02%
244	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD) (D	NM_004396.1	2	0.01%	4	0.02%
245	GAP-associated tyrosine phosphoprotein p62 (Sam68) (SAM68) (=p62)	NM_006559.1	2	0.01%	4	0.02%
246	latent transforming growth factor beta binding protein 1 (LTBP1)	NM_000627.1	2	0.01%	4	0.02%
247	myosin, light polypeptide 1, alkali; skeletal, fast (MYL1)	NM_002475.1	2	0.01%	4	0.02%
248	melanoma inhibitory	NM_006533.1	2	0.01%	4	0.02%
249	integrin beta 1 subunit	X07979.1	1	0.01%	4	0.02%
250	TGF-beta1R alpha	D50683	1	0.01%	4	0.02%
251	CGI-110 protein	AF151868.1	1	0.01%	4	0.02%
252	HS1 protein (=YWHAQ)	X57347	1	0.01%	4	0.02%
253	cytochrome c oxidase subunit VIIa polypeptide 2 like (COX7A2L)	NM_004718.1	1	0.01%	4	0.02%
254	zinc finger transcription factor GKLF	AF105036.1	1	0.01%	4	0.02%
255	KIAA0438	AB007898.1	1	0.01%	4	0.02%
256	T245 protein (T245) =TM4SF6=TM4-D	AF043906	1	0.01%	4	0.02%
257	SMT3 (suppressor of mif two 3, yeast) homolog 2 (SMT3H2)	NM_006937.1	1	0.01%	4	0.02%

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258	AD-017 protein	AF157318.1	1	0.01%	4	0.02%
259	KIAA0164	D79986	1	0.01%	4	0.02%
260	laminin B2 chain	M55210	1	0.01%	4	0.02%
261	TRAM protein	CAA45218.1	1	0.01%	4	0.02%
262	dual specificity phosphatase 1 (DUSP1)	NM_004417.2	1	0.01%	4	0.02%
263	over-expressed breast tumor protein	L34839	1	0.01%	4	0.02%
264	cathepsin L (CTSL)	NM_001912.1	1	0.01%	4	0.02%
265	chondroitin sulfate proteoglycan 2 (versican) (CSPG2)	NM_004385.1	1	0.01%	4	0.02%
266	ubiquitin-conjugating enzyme E2 variant 1 (UBE2V1)	NM_003349.1	1	0.01%	4	0.02%
267	integrin alpha 10 subunit (ITGA10)	AF112345.1	1	0.01%	4	0.02%
268	signal sequence receptor, gamma (translocon-associated protein gamma)	NM_007107.1	1	0.01%	4	0.02%
269	fragile X mental retardation 1 (FMR1)	NM_002024.1	1	0.01%	4	0.02%
270	X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and f	AF003528.1	1	0.01%	4	0.02%
271	secreted frizzled-related protein 1 (SFRP1)	NM_003012.2	1	0.01%	4	0.02%
272	proteasome (prosome macropain) beta type, 4 (PSMB4)	NM_002796.1	1	0.01%	4	0.02%
273	thrombospondin 3 (THBS3) (RefSeq aa 3e-59)	NP_009043.1	1	0.01%	4	0.02%
274	laminin, gamma 1 (formerly LAMB2) (LAMC1),	NM_002293.2	1	0.01%	4	0.02%
275	ribosomal protein S21 (RPS21)	L04483	21	0.16%	3	0.02%
276	ribosomal protein L19	X63527	16	0.12%	3	0.02%
277	Tubulin alpha isoform 1	AF081484	16	0.12%	3	0.02%
278	H3 histone, family 3A (H3F3A)	NM_002107.1	8	0.06%	3	0.02%
279	ribophorin II (RPN2)	Y00282	7	0.05%	3	0.02%
280	neural precursor cell expressed, developmentally down-regulated 5 (NEDD	NM_004404.1	6	0.04%	3	0.02%
281	heat shock 90kD protein 1 beta (HSPCB)	NM_007355.1	6	0.04%	3	0.02%
282	eukaryotic translation elongation factor 1 gamma (EEF1G)	NM_001404.1	6	0.04%	3	0.02%
283	dynein light chain 1 (hd1c1), cytoplasmic	U32944	5	0.04%	3	0.02%
284	GABA(A) receptor-associated protein (GABARAP)	NM_007278.1	5	0.04%	3	0.02%
285	cyclophilin B (hCyPB)	M60857	5	0.04%	3	0.02%
286	cytochrome c oxidase, liver specific (EC 1.9.3.1.)	X15822	4	0.03%	3	0.02%
287	mitochondrial ubiquinone-binding protein	M26700	4	0.03%	3	0.02%
288	low molecular mass ubiquinone-binding protein	D50369	4	0.03%	3	0.02%
289	protein tyrosine phosphatase (hR-PTPu)	X58288	4	0.03%	3	0.02%
290	Huntingtin interacting protein	AF049103	4	0.03%	3	0.02%
291	interCRine-alpha (hIRH)	U19495	4	0.03%	3	0.02%
292	cathepsin B (CTSB)	L22569	3	0.02%	3	0.02%
293	thyroid receptor interactor (TRIP7)	L40357	3	0.02%	3	0.02%
294	pre-mRNA splicing factor (SFRS3)	AF107405.1	3	0.02%	3	0.02%
295	alpha E-catenin (CTNNA1) gene	AF102803.1	3	0.02%	3	0.02%
296	profilin II	L10678.1	3	0.02%	3	0.02%
297	16.7Kd protein	AF078845.1	3	0.02%	3	0.02%
298	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	NM_006826.1	3	0.02%	3	0.02%
299	prostatic binding protein (PBP)	NM_002567.1	3	0.02%	3	0.02%
300	nidogen-2	AJ223500	3	0.02%	3	0.02%
301	valosin-containing protein(VCP)	NM_007126.2	3	0.02%	3	0.02%
302	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinf	NM_000362.1	2	0.01%	3	0.02%
303	cytochrome c oxidase subunit VIIc (COX7C)	NM_001867.1	2	0.01%	3	0.02%
304	ubiquitin-like 1 (sentrin) (UBL1) (=SUMO-1)	NM_003352.1	2	0.01%	3	0.02%
305	cytosolic selenium-dependent glutathione peroxidase (=L09159 RHOA prot	M83094	2	0.01%	3	0.02%
306	BCL2/adenovirus E1B 19kD-interacting protein 3 (BNIP3)	U15174	2	0.01%	3	0.02%
307	NADH dehydrogenase subunit 2 (ND2)	AF014897.2	2	0.01%	3	0.02%
308	poly(A)-binding protein, cytoplasmic 1 (PABPC1)	NM_002568.1	2	0.01%	3	0.02%
309	PAPS synthetase-2 (PAPSS2)	AF074331.1	2	0.01%	3	0.02%

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310	TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 5	NM_005642.1	2	0.01%	3	0.02%
311	MAGUK protein p55T (=AB002323 KIAA0325)	AF162130.1	2	0.01%	3	0.02%
312	adaptor-related protein complex 3, sigma 1 subunit (CLAPS3)	NM_001284.1	2	0.01%	3	0.02%
313	KIAA0372	AB002370.1	2	0.01%	3	0.02%
314	ubiquinol-cytochrome c reductase hinge protein (UQCRH)	NM_006004.1	2	0.01%	3	0.02%
315	non-histone chromosome protein 2 (S. cerevisiae)-like 1 (NHP2L1)=D5042	NM_005008.1	2	0.01%	3	0.02%
316	heterogeneous nuclear ribonucleoprotein M (HNRPM)	5174610	2	0.01%	3	0.02%
317	Golgi apparatus protein 1 (GLG1)	NM_012201.1	2	0.01%	3	0.02%
318	moesin (MSN)	NM_002444.1	2	0.01%	3	0.02%
319	nucleolar phosphoprotein p130 (P130)	NM_004741.1	2	0.01%	3	0.02%
320	neuroendocrine-specific protein C like (foocen) (NSP-CL) reticulon 4 (RTN	NM_007008.1	1	0.01%	3	0.02%
321	mitochondrial proteolipid 68MP homolog (PLPM)	NM_004894.1	1	0.01%	3	0.02%
322	hepatitis B virus X interacting protein (XIP)	AF029890	1	0.01%	3	0.02%
323	activated RNA polymerase (PC4)	NM_006713.1	1	0.01%	3	0.02%
324	FRG1	L76159	1	0.01%	3	0.02%
325	CD164 antigen, sialomucin (CD164)	NM_006016.1	1	0.01%	3	0.02%
326	ganglioside expression factor 2 (GEF-2)	NM_007285.1	1	0.01%	3	0.02%
327	S164 (=AC004858 U1 small ribonucleoprotein 1SNRP homologue)	AF109907	1	0.01%	3	0.02%
328	sema domain immunoglobulin domain (Ig)(semaphorin) 3E (SEMA3E)(= K	NM_012431.1	1	0.01%	3	0.02%
329	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Sch	NM_000311.1	1	0.01%	3	0.02%
330	interleukin 1 receptor, type I (IL1R1) = M27492.1	NM_000877.1	1	0.01%	3	0.02%
331	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein)	(gi4827070	1	0.01%	3	0.02%
332	KIAA0242	D87684	1	0.01%	3	0.02%
333	PPP1R5	AF110824.1	1	0.01%	3	0.02%
334	transforming, acidic coiled-coil containing protein 1 (TACC1=AF049910	NM_006283.1	1	0.01%	3	0.02%
335	clathrin, light polypeptide (Lca) (CLTA)	NM_007096.1	1	0.01%	3	0.02%
336	KIAA0069 gene	D31885.1	1	0.01%	3	0.02%
337	uncharacterized bone marrow protein BM034 (=AK000571 FLJ20564 fis) (=	AF217511.1	1	0.01%	3	0.02%
338	Membrane cofactor protein	X59408.1	1	0.01%	3	0.02%
339	KIAA0349 gene	AB002347.1	1	0.01%	3	0.02%
340	TGF-beta inducible early protein (TIEG)	U21847	1	0.01%	3	0.02%
341	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5,	NM_000611.1	1	0.01%	3	0.02%
342	signal peptidase complex (18kD) (SPC18)	NM_014300.1	1	0.01%	3	0.02%
343	archain 1 (ARCN1)	gi4502194	1	0.01%	3	0.02%
344	selenoprotein W (hSelW)	AF015283.1	1	0.01%	3	0.02%
345	nuclear factor I/B (NFIB)	NM_005596.1	1	0.01%	3	0.02%
346	KIAA0174	D79996	1	0.01%	3	0.02%
347	heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1)	NM_005520.1	1	0.01%	3	0.02%
348	calcium modulating cyclophilin ligand CAMLG (CAMLG)	AF068179.1	1	0.01%	3	0.02%
349	KIAA0527	AB011099.1	1	0.01%	3	0.02%
350	retrovirus-related hypothetical protein II (=X52235 ORFII)	S23650	1	0.01%	3	0.02%
351	polymerase (RNA) II polypeptide G (POLR2G)	NM_002696.1	1	0.01%	3	0.02%
352	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(44,541) /gb	Hs.342389	1	0.01%	3	0.02%
353	S100 calcium-binding protein, beta (neural) (S100B)	NM_006272.1	1	0.01%	3	0.02%
354	phosphatidic acid phosphatase 2b (PPAP2B)	AB000889	1	0.01%	3	0.02%
355	KIAA1354	AB037775	1	0.01%	3	0.02%
356	glycyl-tRNA synthetase; glycine tRNA ligase (RefSeq aa 1e-45)	NP_002038.1	1	0.01%	3	0.02%
357	coagulation factor XIII, A1 polypeptide (F13A1)	NM_000129.1	1	0.01%	3	0.02%
358	CGI-31 protein (LOC51075),	NM_015959.1	1	0.01%	3	0.02%
359	caltractin (20kD calcium-binding protein) (CALT)	NM_004344.1	1	0.01%	3	0.02%
360	PC3 cell line (TL27)	X75684.1	1	0.01%	3	0.02%
361	glyceraldehyde 3-phosphate dehydrogenase (GADPH)	J02642	41	0.31%	2	0.01%

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362	ribosomal protein S5 (RPS5)	NM_001009.1	29	0.22%	2	0.01%
363	ribosomal protein L35	U12465	27	0.20%	2	0.01%
364	ribosomal protein S3 (RPS3)	NM_001005.1	21	0.16%	2	0.01%
365	cartilage link protein (CRTL1)	U43328.1	20	0.15%	2	0.01%
366	ribosomal protein S16	M60854	14	0.10%	2	0.01%
367	laminin receptor 1 (67kD, ribosomal protein SA) (LAMR1)(ORF)	NM_002295.1	12	0.09%	2	0.01%
368	ribosomal protein L23a	U43701	11	0.08%	2	0.01%
369	ribosomal protein S15 (RPS15) (=insulinoma rig-analog encoding DNA-binding protein)	NM_001018.1	11	0.08%	2	0.01%
370	elongation factor 1 beta 2 (EEF1B2)	NM_001959.1	10	0.07%	2	0.01%
371	collagenase type IV	J03210	10	0.07%	2	0.01%
372	RNA polymerase II elongation factor-like protein	Z47087	8	0.06%	2	0.01%
373	calumein (Calu) (calumenin)	AF013759	8	0.06%	2	0.01%
374	calreticulin (CALR)	M84739	7	0.05%	2	0.01%
375	1-8U gene from interferon-inducible gene family	X57352.1	6	0.04%	2	0.01%
376	BIP protein	X87949	5	0.04%	2	0.01%
377	ATP synthase, H transporting, mitochondrial F1 complex, gamma polypeptide	NM_005174.1	5	0.04%	2	0.01%
378	ATP synthase, H transporting, mitochondrial F1 complex, alpha subunit, isoform 1	NM_004046.1	5	0.04%	2	0.01%
379	thrombospondin 2 (THBS2)	L12350	5	0.04%	2	0.01%
380	thrombospondin 1 (THBS1)	NM_003246.1	5	0.04%	2	0.01%
381	cytosolic thyroid hormone-binding protein (=M23725 M2-type pyruvate kinase)	M26252	5	0.04%	2	0.01%
382	fatty acid binding protein (adipocyte lipid-binding protein)	NM_001442.1	4	0.03%	2	0.01%
383	78 kD glucose-regulated protein (GRP78) gene (=BiP protein)	M19645.1	4	0.03%	2	0.01%
384	fibrillin (FBN1)	X63556	4	0.03%	2	0.01%
385	nuclease sensitive element binding protein 1 (NSEP1) = L28809.1 dbpB-like protein	NM_004559.1	4	0.03%	2	0.01%
386	HSPC016, mRNA /cds=(38,232) /gb=Nm_015933 /gi=7705430 /ug=Hs.171774	Hs.171774	4	0.03%	2	0.01%
387	cellular growth-regulating protein	L10844	4	0.03%	2	0.01%
388	anti-oxidant protein 2 (non-selenium glutathione peroxidase, acidic calcium-binding protein)	NM_004905.1	4	0.03%	2	0.01%
389	small EDRK-rich factor 2 (SERF2)	NM_005770.1	4	0.03%	2	0.01%
390	chondroadherin (CHAD)	U96769	4	0.03%	2	0.01%
391	general transcription factor 2-I (GTF2I)	AF038968	4	0.03%	2	0.01%
392	CD9 antigen (p24/CD9)	L08125	3	0.02%	2	0.01%
393	prefoldin 5 (PFDN5) (=D89667 c-myc binding protein)	NP_002615.1	3	0.02%	2	0.01%
394	tomoregulin	AB004064.1	3	0.02%	2	0.01%
395	phenylalkylamine binding protein gene	AF196969.1	3	0.02%	2	0.01%
396	ERF-1	X79067.1	3	0.02%	2	0.01%
397	collagen type VI alpha 1(COL6A1)	X15880	3	0.02%	2	0.01%
398	KIAA1077	AB029000.1	3	0.02%	2	0.01%
399	SWI/SNF related, matrix associated (SMARCA1)	gi4507066	3	0.02%	2	0.01%
400	ornithine aminotransferase	M29927	3	0.02%	2	0.01%
401	reticulocalbin 2, EF-hand calcium binding domain (RCN2) =X78669 (ORF)	NM_002902.1	3	0.02%	2	0.01%
402	KIAA0143 gene	D63477.1	3	0.02%	2	0.01%
403	myristoylated alanine-rich C-kinase substrate (=D10522 80K-L protein)	M68956	3	0.02%	2	0.01%
404	laminin, alpha 4 (LAMA4)	NM_002290.1	3	0.02%	2	0.01%
405	vascular endothelial growth factor (VEGF)	AF024710.1	3	0.02%	2	0.01%
406	RNA-binding protein regulatory subunit	AF021819	3	0.02%	2	0.01%
407	ATP SYNTHASE A CHAIN (PROTEIN 6)(ORF)	P00846	3	0.02%	2	0.01%
408	S100 calcium-binding protein A13 (S100A13)	NM_005979.1	3	0.02%	2	0.01%
409	glucocorticoid receptor AF-1 specific elongation factor	AF174496.1	3	0.02%	2	0.01%
410	complement factor H (=M17517)	Y00716	2	0.01%	2	0.01%
411	SPARC-like 1 (mast9, hevyn) (SPARCL1)	NM_004684.1	2	0.01%	2	0.01%
412	vacuolar sorting protein VPS29/PEP11 (LOC51699)	NM_016226.1	2	0.01%	2	0.01%
413	UDP-glucose dehydrogenase (UGDH)	AF061016	2	0.01%	2	0.01%

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414	SET translocation (myeloid leukemia-associated) (SET) =M93651	NM_003011.1	2	0.01%	2	0.01%
415	HSPC035 protein (LOC51669), NPD003	NM_016127.1	2	0.01%	2	0.01%
416	karyopherin alpha 4 (=importin alpha 3) (KPNA4)	NM_002268.1	2	0.01%	2	0.01%
417	CYTOCHROME C OXIDASE POLYPEPTIDE II	spP00403	2	0.01%	2	0.01%
418	apoptosis related protein APR-1	AF143235.2	2	0.01%	2	0.01%
419	HSPC194	AF151028.1	2	0.01%	2	0.01%
420	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor	NM_006854.2	2	0.01%	2	0.01%
421	poly(rC)-binding protein 1 (PCBP1)	NM_006196.1	2	0.01%	2	0.01%
422	immunoglobulin lambda gene	D87003.1	2	0.01%	2	0.01%
423	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8 (19kD, ASH1) (N	NM_005004.1	2	0.01%	2	0.01%
424	cyclophilin-related protein (NKTR) gene (=PAC RPC14-613B23)	AF184110.1	2	0.01%	2	0.01%
425	chaperonin containing T-complex subunit 6 (CCT6) = L27706.1	NM_001762.1	2	0.01%	2	0.01%
426	low density lipoprotein receptor	L00352	2	0.01%	2	0.01%
427	chaperonin containing TCP1 subunit 4 (delta) (CCT4)	NM_006430.1	2	0.01%	2	0.01%
428	translocase of outer mitochondrial membrane 20 (yeast) homolog (KIAA00	NM_014765.1	2	0.01%	2	0.01%
429	serine/threonine kinase KPM	AF207547.1	2	0.01%	2	0.01%
430	alcohol dehydrogenase, class III (ADH5) chi subunit	M30471	2	0.01%	2	0.01%
431	phosphatidic acid phosphatase 2a	AB000888	2	0.01%	2	0.01%
432	KIAA0670 protein/acinusL (no-exact match 42% a.a.)	NP_055792.1	2	0.01%	2	0.01%
433	aspartyl-tRNA synthetase (DARS)	NM_001349.1	2	0.01%	2	0.01%
434	cystatin B	U46692	2	0.01%	2	0.01%
435	cytoplasmic beta-actin	M10277	2	0.01%	2	0.01%
436	YEA1 (YY1 and E4TF1 associated factor 1)	AB029551.1	2	0.01%	2	0.01%
437	Zn-15 transCRiption factor (Zfp-15) (=AB011102 Human KIAA0530)	AF017806	2	0.01%	2	0.01%
438	proteasome (prosome, macropain) subunit, beta type, 7 (PSMB7)	NM_002799.1	2	0.01%	2	0.01%
439	gelsolin, plasma (GSN)	X04412	2	0.01%	2	0.01%
440	C9ORF3	AF043897.1	2	0.01%	2	0.01%
441	splicing factor 3b, subunit 2, 145kD (SF3B2)	NM_006842.1	2	0.01%	2	0.01%
442	splicing factor, arginine/serine-rich 4 (SFRS4)	NM_005626.1	2	0.01%	2	0.01%
443	CGI-120 protein (LOC51644)	NM_016057.1	2	0.01%	2	0.01%
444	tumor antigen (L6)	M90657.1	2	0.01%	2	0.01%
445	heat shock factor binding protein 1 (HSBP1)	NM_001537.1	1	0.01%	2	0.01%
446	15 kDa selenoprotein (SEP15)	AF051894	1	0.01%	2	0.01%
447	epidermal growth factor receptor kinase substrate (Eps8)	U12535	1	0.01%	2	0.01%
448	Down syndrome candidate region 1 (DSCR1)	NM_004414.2	1	0.01%	2	0.01%
449	matrilin-2 precursor	U69263	1	0.01%	2	0.01%
450	CYTOCHROME C OXIDASE POLYPEPTIDE I	P00395	1	0.01%	2	0.01%
451	KIAA0663	AB014563	1	0.01%	2	0.01%
452	palmitoyl-protein thioesterase (PPT)	AF022211	1	0.01%	2	0.01%
453	KIAA0102	D14658	1	0.01%	2	0.01%
454	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5 (13kD, B13) (N	NM_005000.1	1	0.01%	2	0.01%
455	GW128	AF107406	1	0.01%	2	0.01%
456	SLC11A3 iron transporter	AF215636.1	1	0.01%	2	0.01%
457	esterase D	AF112219	1	0.01%	2	0.01%
458	DRP-2 dihydropyrimidinase related protein 2	AB020777.1	1	0.01%	2	0.01%
459	KIAA0530	AB011102	1	0.01%	2	0.01%
460	ribosomal protein L33-like protein	AF047440	1	0.01%	2	0.01%
461	synaptophysin-like protein (SYPL)	gi5803184	1	0.01%	2	0.01%
462	conserved gene amplified in osteosarcoma (OS4)	NM_005730.1	1	0.01%	2	0.01%
463	DNA-binding protein A gene	L29073.1	1	0.01%	2	0.01%
464	YME1 (S.cerevisiae)-like 1(YME1L1), = AJ132637.1 ATP-dependent metal	NM_014263.1	1	0.01%	2	0.01%
465	jumping translocation breakpoint (JTB) =AB016488 hJTB (ORF)	NM_006694.1	1	0.01%	2	0.01%

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466	MHC class 1 region	AF055066	1	0.01%	2	0.01%
467	plastin 3 (T isoform) (PLS3)	NM_005032.2	1	0.01%	2	0.01%
468	fibroblast growth factor 2 (basic)(FGF2)	NM_002006.1	1	0.01%	2	0.01%
469	NADH dehydrogenase(ubiquinone) 1, alpha/beta subcomplex, 1 (8kD, SDA	NM_005003.1	1	0.01%	2	0.01%
470	steroid sensitive gene-1 protein (SSG-1)	AF223677.1	1	0.01%	2	0.01%
471	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4	P03905	1	0.01%	2	0.01%
472	PROS-27	X59417	1	0.01%	2	0.01%
473	prolylcarboxypeptidase (angiotensinase C) (PRCP)	NM_005040.1	1	0.01%	2	0.01%
474	GLI-Kruppel family member GLI3 (Greig cephalopolysyndactyly syndrome)	gi4504014	1	0.01%	2	0.01%
475	zinc finger protein 84 (HPF2) (ZNF84)	NM_003428.1	1	0.01%	2	0.01%
476	oxysterol-binding protein	AB017026	1	0.01%	2	0.01%
477	translation initiation factor (=D21853 hypothetical protein (KIAA0111))	X79538	1	0.01%	2	0.01%
478	prostate cancer tumor suppressor (N33)	NM_006765.1	1	0.01%	2	0.01%
479	cytoskeletal tropomyosin TM30(nm)	X04588.1	1	0.01%	2	0.01%
480	capping protein (actin filament) muscle Z-line, alpha 2 (CAPZA2)	NM_006136.1	1	0.01%	2	0.01%
481	chaperonin containing TCP1,subunit 8 (theta) (CCT8)(ORF)	NM_006585.1	1	0.01%	2	0.01%
482	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; al	NM_002208.3	1	0.01%	2	0.01%
483	chondrosarcoma-associated protein 2 (CSA2)	AF182645.1	1	0.01%	2	0.01%
484	housekeeping (Q1Z 7F5) gene	M81806.1	1	0.01%	2	0.01%
485	KIAA0671	AB014571.1	1	0.01%	2	0.01%
486	KIAA1376 protein	AB037797.1	1	0.01%	2	0.01%
487	serine palmitoyl transferase	AF111168.2	1	0.01%	2	0.01%
488	NADH-ubiquinone oxidoreductase B17	AF067167.1	1	0.01%	2	0.01%
489	basic transcription factor 3 (RefSeq aa 4e-39)	NP_001198.1	1	0.01%	2	0.01%
490	CGI-74 protein	AF151832.1	1	0.01%	2	0.01%
491	coxsackievirus and adenovirus receptor (CXADR)	AF200465.1	1	0.01%	2	0.01%
492	insulin receptor	L07782	1	0.01%	2	0.01%
493	leptin receptor (ORF)	U66496	1	0.01%	2	0.01%
494	protein-kinase, interferon-inducible double stranded RNA dependent inhibi	NP_006251.1	1	0.01%	2	0.01%
495	high-glucose-regulated protein 8 (HGRG8)	AF192968.1	1	0.01%	2	0.01%
496	prefoldin 1 (PFDN1)	NM_002622.1	1	0.01%	2	0.01%
497	KIAA0993	AB023210.1	1	0.01%	2	0.01%
498	Nijmegen breakage syndrome 1 (nibrin) (NBS1)	NM_002485.2	1	0.01%	2	0.01%
499	topoisomerase IIb mRNA,(= TOP2 mRNA for DNA topoisomerasell )	U54831.1	1	0.01%	2	0.01%
500	CUG triplet repeat,RNA-binding protein 2 (CUGBP2), (=apoptosis-related F	NM_006561.1	1	0.01%	2	0.01%
501	galactosidase, alpha (GLA)	NM_000169.1	1	0.01%	2	0.01%
502	methionine adenosyltransferase alpha subunit	L43509	1	0.01%	2	0.01%
503	cysteine protease	D55696.1	1	0.01%	2	0.01%
504	six transmembrane epithelial antigen of prostate (STEAP1)	AF186249.1	1	0.01%	2	0.01%
505	GTT1	AF270647	1	0.01%	2	0.01%
506	HSPC033 protein (HSPC033)	NM_014041.1	1	0.01%	2	0.01%
507	retinal pigment epithelium	L07393.1	1	0.01%	2	0.01%
508	pyrroline-5-carboxylate reductase 1 (PYCR1)	NM_006907.1	1	0.01%	2	0.01%
509	S-adenosylmethionine decarboxylase 1 (AMD1)	NM_001634.3	1	0.01%	2	0.01%
510	sorting nexin 1 (SNX1)	NM_003099.1	1	0.01%	2	0.01%
511	TRAM-like protein (KIAA0057), mRNA	NM_012288.1	1	0.01%	2	0.01%
512	bromodomain-containing 2 (BRD2)= KIAA9001	NM_005104.1	1	0.01%	2	0.01%
513	laminin, beta 2 (laminin S)(LAMB2) mRNA	NM_002292.1	1	0.01%	2	0.01%
514	glutamate dehydrogenase 1 (GLUD1)	NM_005271.1	1	0.01%	2	0.01%
515	leptin receptor gene-related protein (HSOBRGRP)	NM_017526.1	1	0.01%	2	0.01%
516	Ser/Arg-related nuclear matrix protein (plenty of prolines 101-like) (SRM16	NM_005839.1	1	0.01%	2	0.01%
517	serum-inducible kinase (SNK)	AF223574.1	1	0.01%	2	0.01%

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518	quiescin Q6 (QSCN6)(= bone-derived growth factor (BPGF-1))	NM_002826.1	1	0.01%	2	0.01%
519	brain-specific STE20-like protein kinase 3 (STK3)	AF083420.1	1	0.01%	2	0.01%
520	Sec31 protein	AF139184.1	1	0.01%	2	0.01%
521	high-mobility group (nonhistone chromosomal) protein 14 (HMG14)	NM_004965.1	1	0.01%	2	0.01%
522	ribosomal protein, large, P1 (RPLP1)	NM_001003.1	40	0.30%	1	0.01%
523	ribosomal protein S28, yeast homologue	D14530	38	0.28%	1	0.01%
524	ribosomal protein S18	X69150.1	33	0.25%	1	0.01%
525	ribosomal protein L18 (RPL18)	NM_000979.1	28	0.21%	1	0.01%
526	ribosomal protein L18a	L05093.1	27	0.20%	1	0.01%
527	H19 (=PRO2605)	M32053	25	0.19%	1	0.01%
528	RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN)	spP15880	24	0.18%	1	0.01%
529	ribosomal protein S10	NM_001014.1	22	0.16%	1	0.01%
530	ribosomal protein L29 (RPL29)	NM_000992.1	21	0.16%	1	0.01%
531	elongation factor 2	X51466	16	0.12%	1	0.01%
532	aggrecan (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan)	U13613	14	0.10%	1	0.01%
533	dolichyl-phosphate beta-glucosyltransferase (ALG5)	AF102850.1	13	0.10%	1	0.01%
534	calcyclin (=M14300 growth factor-inducible 2A9 gene; U04815 protein kinase)	J02763	10	0.07%	1	0.01%
535	mesoderm specific transcript (mouse) homolog (MEST)	NM_002402.1	10	0.07%	1	0.01%
536	androgen receptor associated protein 24 (ARA24) (=AF054183 GTP binding protein)	AF052578	8	0.06%	1	0.01%
537	transmembrane protein (p63)	X69910	8	0.06%	1	0.01%
538	ATP synthase, H transporting, mitochondrial F1F0, subunit g (ATP5JG)	NM_006476.1	7	0.05%	1	0.01%
539	ADP-ribosylation factor 1	M84326.1	7	0.05%	1	0.01%
540	melanoma-associated antigen MG50	AF200348.1	7	0.05%	1	0.01%
541	phosphoglycerate mutase (PGAM-B)	J04173	6	0.04%	1	0.01%
542	transcription factor BTF 3	X74070	6	0.04%	1	0.01%
543	DEK oncogene (DNA binding) (DEK)	gi4503248	5	0.04%	1	0.01%
544	titin (TTN) gene	CAA49245.1	5	0.04%	1	0.01%
545	ISLR (immunoglobulin superfamily containing leucine-rich repeat) gene,	AB024537	5	0.04%	1	0.01%
546	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV)	NM_001997.1	5	0.04%	1	0.01%
547	shox gene	U82668	5	0.04%	1	0.01%
548	high mobility group-1 protein (HMG-1)	X12597	4	0.03%	1	0.01%
549	collagen type V alpha 2 (COL5A2)	M11718	4	0.03%	1	0.01%
550	cyclin	M74091	4	0.03%	1	0.01%
551	sphingolipid activator protein 1	J03015	4	0.03%	1	0.01%
552	non-metastatic cells 2, protein (NM23B) expressed in (NME2)	NM_002512.1	4	0.03%	1	0.01%
553	filamin (FLNB)	AF191633.1	4	0.03%	1	0.01%
554	H3 histone, family 3B (H3.3B) (H3F3B)	NM_005324.1	4	0.03%	1	0.01%
555	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (PF2K) (=AB00790)	AF041832	4	0.03%	1	0.01%
556	ornithine decarboxylase antizyme	D87914	4	0.03%	1	0.01%
557	myeloid leukemia factor 2 (MLF2)	NM_005439.1	4	0.03%	1	0.01%
558	PRO2605	AF116709.1	4	0.03%	1	0.01%
559	Cu/Zn superoxide dismutase (SOD)	X02317	3	0.02%	1	0.01%
560	YAP65	X80507.1	3	0.02%	1	0.01%
561	prolyl 4-hydroxylase gene	U14608.1	3	0.02%	1	0.01%
562	protein phosphatase 2A catalytic subunit-beta	M60484	3	0.02%	1	0.01%
563	ubiquitin gene	U49869	3	0.02%	1	0.01%
564	Arp2/3 protein complex subunit p16 (ARC16) =AF006088 (ORF)	NM_005717.1	3	0.02%	1	0.01%
565	eukaryotic translation initiation factor 3, subunit 3 (gamma, 40kD)	gi4503514	3	0.02%	1	0.01%
566	zinc finger protein SLUG (SLUG) gene	AF084243.1	3	0.02%	1	0.01%
567	KIAA0038 gene	D26068.1	3	0.02%	1	0.01%
568	U50HG genes for U50' snoRNA and U50 snoRNA, complete sequence	AB017710	3	0.02%	1	0.01%
569	RAD21 (S. pombe) homolog (RAD21) (=X98294)	gi5453993	3	0.02%	1	0.01%



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570	transformer-2 alpha (htra-2 alpha)	U53209.1	3	0.02%	1	0.01%
571	karyopherin (importin) beta 1 (KPNB1) (=L38951 importin beta subunit)	gi4504904	3	0.02%	1	0.01%
572	endothelial differentiation-related factor 1 (EDF1)	NM_003792.1	3	0.02%	1	0.01%
573	G8 protein (G8)	NM_016947.1	3	0.02%	1	0.01%
574	KIAA0107	D14663	3	0.02%	1	0.01%
575	KIAA0325 gene	AB002323.1	3	0.02%	1	0.01%
576	xeroderma pigmentosum group E UV-damaged DNA binding factor = NM_002913.1	U32986.1	3	0.02%	1	0.01%
577	replication factor C (activator 1) 1 (145kD) (RFC1) mRNA	NM_002913.1	3	0.02%	1	0.01%
578	hexokinase 1 (HK1) (=AF016365;X66957)	M75126	3	0.02%	1	0.01%
579	DNA-dependent protein kinase catalytic subunit (DNA-PKcs)	U47077.3	3	0.02%	1	0.01%
580	nucleosome assembly protein 1-like 1 (NAP1L1)	XM_047969.1	3	0.02%	1	0.01%
581	MHC class I (HLA-A)	U59701	3	0.02%	1	0.01%
582	signal sequence receptor, beta (translocon-associated protein beta) (SSR2)	X74104	3	0.02%	1	0.01%
583	KIAA0251	D87438	3	0.02%	1	0.01%
584	eIF4E-like cap-binding protein (4EHP) (=translation initiation factor 4e)	NM_004846.1	3	0.02%	1	0.01%
585	RNA binding motif protein 5 (RBM5)	AF091263.1	3	0.02%	1	0.01%
586	isolate Liv chaperone protein HSP90 beta (HSP90BETA)	AF275719.1	3	0.02%	1	0.01%
587	echinoderm miCRotubule-associated protein homolog HuEMAP	U97018	3	0.02%	1	0.01%
588	endozepine (putative ligand of benzodiazepine receptor)	M15887.1	2	0.01%	1	0.01%
589	RAN, member RAS oncogene family (RAN), mRNA /cds=(114,764) /gb=NM_004846.1	Hs.10842	2	0.01%	1	0.01%
590	actin-related protein Arp3 (ARP3)(actin-related protein 3 yeast)homolog(ACAF006083.1	AF006083.1	2	0.01%	1	0.01%
591	biglycan BGN	U11686.1	2	0.01%	1	0.01%
592	Eukaryotic translation initiation factor 2, subunit 2 (beta, 38kD)(EIF2S2)	NM_003908.1	2	0.01%	1	0.01%
593	CGI-149 protein	AF151907.1	2	0.01%	1	0.01%
594	basic transcription factor 2 p44 (btf2p44) gene, partial cds, neuronal apoptosis	U80017.1	2	0.01%	1	0.01%
595	CD36 antigen	L06850.1	2	0.01%	1	0.01%
596	KIAA0436	AB007896	2	0.01%	1	0.01%
597	growth arrest specific transcrip 5 gene	AF141346.1	2	0.01%	1	0.01%
598	ARP2/3 protein complex subunit 34 (ARC34)	NM_005731.1	2	0.01%	1	0.01%
599	high mobility group 2 protein (HMG-2)	M83665	2	0.01%	1	0.01%
600	pyruvate dehydrogenase (lipoamide) alpha 1 (PDHA1)	NM_000284.1	2	0.01%	1	0.01%
601	sarcoglycan, beta (43kD dystrophin-associated glycoprotein) (SGCB)	NM_000232.1	2	0.01%	1	0.01%
602	tubulin-specific chaperone a (TBCA) (=AF038952 cofactor A protein)	gi4759211	2	0.01%	1	0.01%
603	KIAA0810	AB018353.1	2	0.01%	1	0.01%
604	fatty acid binding protein 5 (psoriasis-associated) (FABP5)	NM_001444.1	2	0.01%	1	0.01%
605	ubiquinol-cytochrome c reductase core protein II (UQCRC2)(ORF) = J0497	NM_003366.1	2	0.01%	1	0.01%
606	phosphoglycerate mutase 1 (brain) (PGAM1), mRNA /cds=(31,795) /gb=NM_003366.1	Hs.181013	2	0.01%	1	0.01%
607	enhancer of polycomb (Epc1)	AF079765	2	0.01%	1	0.01%
608	KIAA0136	D50926.1	2	0.01%	1	0.01%
609	ubiquinol-cytochrome c reductase (6.4kD) subunit (UQCR)	NM_006830.1	2	0.01%	1	0.01%
610	proteasome-associated pad1 homologue (POH1) 26S	U86782	2	0.01%	1	0.01%
611	cathepsin F (CATSF)	AF071749	2	0.01%	1	0.01%
612	membrane component, chromosome 11, surface marker 1 (M11S1) = Z48C	NM_005898.1	2	0.01%	1	0.01%
613	signal transducer and activator of transcription 1, 91kD (STAT1)(=transcription factor 1)	NM_007315.1	2	0.01%	1	0.01%
614	cyclin D2(=KIAK0002 gene)	NM_001759.1	2	0.01%	1	0.01%
615	deoxyuridine triphosphatase(DUT) mRNA, complete cds	U62891.1	2	0.01%	1	0.01%
616	cysteinyI-tRNA synthetase	L06845.1	2	0.01%	1	0.01%
617	smooth muscle myosin alkali light chain	U02629.1	2	0.01%	1	0.01%
618	DiGeorge syndrome critical region gene 6 (DGCR6)	NM_005675.1	2	0.01%	1	0.01%
619	cold inducible RNA-binding protein (CIRBP)	NM_001280.1	2	0.01%	1	0.01%
620	HSPC037 protein (LOC51659)	NM_016095.1	2	0.01%	1	0.01%
621	nuclear distribution gene C (A.nidulans) homolog (NUDC)	NM_006600.1	2	0.01%	1	0.01%

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622	thiosulfate sulfurtransferase (rhodanese) (TST)	X59434	2	0.01%	1	0.01%
623	TL27 (from PC3 cell line)	X75684	2	0.01%	1	0.01%
624	WW domain binding protein-1 (ORF)	U79457.17	2	0.01%	1	0.01%
625	acyl-Coenzyme A dehydrogenase, very long chain (ACADVL), nuclear gene	NM_000018.1	2	0.01%	1	0.01%
626	transducin (beta) like 2 (TBL2)	NM_012453.1	2	0.01%	1	0.01%
627	small nuclear ribonucleoprotein polypeptide F (SNRPF)	NM_003095.1	2	0.01%	1	0.01%
628	coatamer protein complex, subunit alpha (COPA), mRNA	NM_004371.2	2	0.01%	1	0.01%
629	sorcin (SRI)	L12387.1	2	0.01%	1	0.01%
630	capping protein (actin filament), gelsolin-like (CAPG)	M94345	2	0.01%	1	0.01%
631	inositol 1,4,5-triphosphate receptor, type 3 (ITPR3)	U01062	2	0.01%	1	0.01%
632	interleukin 11 receptor, alpha (IL11RA)	NM_004512.1	2	0.01%	1	0.01%
633	EGR1 gene for early growth response protein 1 (=zinc finger protein)(= trans	AJ243425.1	2	0.01%	1	0.01%
634	coatamer protein (COPA)	U24105	2	0.01%	1	0.01%
635	mimelan (OGN) (OIF)	AF202167.1	1	0.01%	1	0.01%
636	MAFB/Kreisler basic region/leucine zipper transCRiption factor (MAFB)	AF134157.1	1	0.01%	1	0.01%
637	Ku autoimmune antigen gene	J04977.1	1	0.01%	1	0.01%
638	myosin light chain 3 non-muscle (MLC3nm)	M31212	1	0.01%	1	0.01%
639	ARP2/3 protein complex subunit p21 (ARC21=AF006086 (ORF)	NM_005719.1	1	0.01%	1	0.01%
640	NS1-binding protein (NS1-BP) (=AB020657 KIAA0850)	AJ012449	1	0.01%	1	0.01%
641	inositol polyphosphate 1-phosphatase gene (INPP1) (low match)	AF141324.1	1	0.01%	1	0.01%
642	uridine diphosphoglucose pyrophosphorylase	U27460	1	0.01%	1	0.01%
643	UDP-glucose pyrophosphorylase 2 (ORF)	NM_006759.1	1	0.01%	1	0.01%
644	KIAA0332	AB002330	1	0.01%	1	0.01%
645	ras-related GTP-binding protein	AF106681.1	1	0.01%	1	0.01%
646	non-histone chromosomal protein (HMG-1)	L08048.1	1	0.01%	1	0.01%
647	lysosomal-associated membrane glycoprotein-1 (LAMP1) (=J04182)	L08582	1	0.01%	1	0.01%
648	cornichon protein	AF070654.1	1	0.01%	1	0.01%
649	KIAA0766	AB018309.1	1	0.01%	1	0.01%
650	Id-2H	D13891	1	0.01%	1	0.01%
651	transCRiption factor (CBFB)	L20298	1	0.01%	1	0.01%
652	KIAA1025	AB028948.1	1	0.01%	1	0.01%
653	LGMD2B	AJ007973	1	0.01%	1	0.01%
654	KIAA0103	D14659	1	0.01%	1	0.01%
655	basic helix-loop-helix domain containing, class B, 2 (BHLHB2), mRNA /cds	Hs.171825	1	0.01%	1	0.01%
656	eukaryotic translation initiation factor 3, subunit 10 (theta, 150/170kD)	gi4503508	1	0.01%	1	0.01%
657	protein kinase C inhibitor-I	U27143	1	0.01%	1	0.01%
658	heterogeneous nuclear ribonucleoprotein R (ORF)	AF000364	1	0.01%	1	0.01%
659	growth arrest and DNA-damage-inducible, alpha (GADD45A)	NM_001924.1	1	0.01%	1	0.01%
660	KIAA0077 gene	D38521.1	1	0.01%	1	0.01%
661	CYTOCHROME C OXIDASE POLYPEPTIDE III	P00414	1	0.01%	1	0.01%
662	farnesyl-protein transferase alpha-subunit	L00634	1	0.01%	1	0.01%
663	Polyadenylate binding protein	U75686.1	1	0.01%	1	0.01%
664	Splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-a	NM_005066.1	1	0.01%	1	0.01%
665	myosin class I, myh-1c	AJ001382	1	0.01%	1	0.01%
666	activin A receptor, type I (ACVR1) =Z22534 ALK-2	NM_001105.1	1	0.01%	1	0.01%
667	KIAA1058 protein	AB028981.1	1	0.01%	1	0.01%
668	tetraspan TM4SF(TSPAN-6)	AF053453	1	0.01%	1	0.01%
669	Rosenthal fiber protein (alpha-B-Crystallin)	M24906	1	0.01%	1	0.01%
670	ring finger protein 4 (RNF4)	gi4506560	1	0.01%	1	0.01%
671	nuclear factor (erythroid-derived 2)-like 2 (NFE2L2) (=S74017 Nrf2=NF-E2	gi5453775	1	0.01%	1	0.01%
672	myosin-binding protein C, cardiac (MYBPC3)	NM_000256.1	1	0.01%	1	0.01%
673	IQ motif containing GTPase activating protein 1 (IQGAP1)	NM_003870.1	1	0.01%	1	0.01%

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674	ATP synthase, H transporting, mitochondrial F0 complex, subunit f, isoform	NM_004889.1	1	0.01%	1	0.01%
675	cytochrome c oxidase subunit Vb (coxVb)	M19961	1	0.01%	1	0.01%
676	hect domain and RLD 2(HERC2) (=KIAA0393)	NM_004667.2	1	0.01%	1	0.01%
677	integrin cytoplasmic domain associated protein (Icap-1a)	AF012023	1	0.01%	1	0.01%
678	KIAA0235	D87078	1	0.01%	1	0.01%
679	KIAA0252	D87440	1	0.01%	1	0.01%
680	KIAA0693	AB014593	1	0.01%	1	0.01%
681	nickel-specific induction protein (Cap43)	AF004162.1	1	0.01%	1	0.01%
682	PRO1608	AF119850.1	1	0.01%	1	0.01%
683	phosphoribosyl pyrophosphate synthetase subunit I	D00860.1	1	0.01%	1	0.01%
684	phospholipid sCRamblase 1 PLSCR1)	AF098642	1	0.01%	1	0.01%
685	cytochrome oxidase subunit I (COI) and subunit II (COII) pseudogenes	AF035429.1	1	0.01%	1	0.01%
686	wbsCR1 (WBSCR1)	AF045555.1	1	0.01%	1	0.01%
687	proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3)	NM_002788.1	1	0.01%	1	0.01%
688	CLP (CLPP)	L54057.1	1	0.01%	1	0.01%
689	platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (PAFAH)	4557740	1	0.01%	1	0.01%
690	P311 protein (P311), mRNA /cds=(202,408) /gb=NM_004772 /gi=4758865	Hs.142827	1	0.01%	1	0.01%
691	small EDRK-rich factor 1, long isoform (SERF1) (=btf2p44)	AF073519.1	1	0.01%	1	0.01%
692	KIAA0592 (ORF)	AB011164	1	0.01%	1	0.01%
693	lysophospholipase (LPL1)	AF081281	1	0.01%	1	0.01%
694	KARP-1-binding protein 3 (=KIAA0470)	AB022659.1	1	0.01%	1	0.01%
695	inducible 6-phosphofructo-2-kinase/fructose 2,6-bisphosphatase (IPFK-2) =	AF056320	1	0.01%	1	0.01%
696	reticulocalbin 1, EF-hand calcium binding domain (RCN1)	NM_002901.1	1	0.01%	1	0.01%
697	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 (16kD, SGD1) (	NM_002492.1	1	0.01%	1	0.01%
698	major histocompatibility complex, class II, DR beta 1 (HLA-DRB1)	NM_002124.1	1	0.01%	1	0.01%
699	nerve growth factor (HBNF-1)(= OSF-1)(= pleiotropin )	M57399.1	1	0.01%	1	0.01%
700	ras-related C3 botulinum toxin substrate (rac)	M29870	1	0.01%	1	0.01%
701	HSPC328	AF161446.1	1	0.01%	1	0.01%
702	Glutathione transferase omega (GSTO1)	AF212303.1	1	0.01%	1	0.01%
703	NRAS-related gene (D1S155E) (=DKFZp586J0620)	NM_007158.1	1	0.01%	1	0.01%
704	RAB13, member RAS oncogene family (RAB13) mRNA	NM_002870.1	1	0.01%	1	0.01%
705	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1 (6kD, KFYI	NM_002494.1	1	0.01%	1	0.01%
706	NADH dehydrogenase (ubiquinone) Fe-S protein 6 (13kD) (NADH-coenzym	NM_004553.1	1	0.01%	1	0.01%
707	Na,K-ATPase beta subunit (ATP1B)	M25160	1	0.01%	1	0.01%
708	retinoblastoma-binding protein 7 (RBBP7)	NM_002893.1	1	0.01%	1	0.01%
709	zinc finger protein 133 (clone pHZ-13) (ZNF133)	NM_003434.1	1	0.01%	1	0.01%
710	retinoic acid suppression protein A (RSG-A)	AF038964.1	1	0.01%	1	0.01%
711	latent transforming growth factor beta binding protein 2 (LTBP2)	NM_000428.1	1	0.01%	1	0.01%
712	fer-1 (C. elegans)-like 3 (FER1L3) (=AF182317 myoferlin (MYOF))	NM_013451.1	1	0.01%	1	0.01%
713	telomeric repeat binding factor (TRF1)	U40705.1	1	0.01%	1	0.01%
714	prefoldin 2 (PFDN2)	NM_012394.1	1	0.01%	1	0.01%
715	ELK1 (ELK1)	AF080616	1	0.01%	1	0.01%
716	HSPC162 protein (HSPC162)	NM_014183.1	1	0.01%	1	0.01%
717	HSPC218	AF151052.1	1	0.01%	1	0.01%
718	HSPC337	AF161455.1	1	0.01%	1	0.01%
719	iduronate sulphate sulphotase (IDS) gene	L35485.1	1	0.01%	1	0.01%
720	KIAA0081	D42039	1	0.01%	1	0.01%
721	KIAA0099 protein, partial cds	D43951.1	1	0.01%	1	0.01%
722	KIAA0152 (cytotoxic T-cell membrane glycoprotein Ly-3 isolog)	NM_014730.1	1	0.01%	1	0.01%
723	KIAA0188	D80010	1	0.01%	1	0.01%
724	KIAA0419 gene product (KIAA0419)	NM_014711.1	1	0.01%	1	0.01%
725	KIAA0458	AB007927.1	1	0.01%	1	0.01%

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726	KIAA0484	AB007953.1	1	0.01%	1	0.01%
727	KIAA0696 protein	AB014596	1	0.01%	1	0.01%
728	KIAA0851 gene	AJ297357.1	1	0.01%	1	0.01%
729	KIAA1162	AB032988.1	1	0.01%	1	0.01%
730	channel-like integral membrane protein (AQP-1)	U41518.1	1	0.01%	1	0.01%
731	citron (SLC25A13)	AF118838.1	1	0.01%	1	0.01%
732	L3 pigment (L3)	AF189062.3	1	0.01%	1	0.01%
733	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 (UQCR)	5174742	1	0.01%	1	0.01%
734	matrix metalloprotease(ADAMTS1) mRNA, complete cds	AF207664.1	1	0.01%	1	0.01%
735	myocyte-specific enhancer factor 2A (MEF2A)	U49020	1	0.01%	1	0.01%
736	retinoblastoma-binding protein 4 (RBBP4) =X74262 RbAp48	NM_005610.1	1	0.01%	1	0.01%
737	T-box transcription factor (Tbx15)	AF041822	1	0.01%	1	0.01%
738	Y-linked zinc finger protein (ZFY) gene (=DKFZp434F2311)	AF114156.1	1	0.01%	1	0.01%
739	polyadenylate binding protein(TIA-1)	M77142	1	0.01%	1	0.01%
740	tetraspanin TM4-A	AF133423.1	1	0.01%	1	0.01%
741	calponin 3, acidic (CNN3)	NM_001839.1	1	0.01%	1	0.01%
742	nonmuscle myosin heavy chain (NMHC)	M31013	1	0.01%	1	0.01%
743	glucocorticoid receptor (GRL) gene	U80947.1	1	0.01%	1	0.01%
744	CDC-like kinase (CLK)	NM_004071.1	1	0.01%	1	0.01%
745	tyrosylprotein sulfotransferase-1(TPST1)	AF038009	1	0.01%	1	0.01%
746	GTPase-activating protein ras p21 (RASA)	M23379	1	0.01%	1	0.01%
747	CC chemokine gene cluster	AF088219.1	1	0.01%	1	0.01%
748	ARP2 (actin-related protein 2, yeast) homolog (ACTR2)	NM_005722.1	1	0.01%	1	0.01%
749	cdk inhibitor p21 binding protein (TOK-1),(ORF)= AB040450.1	NM_016567.1	1	0.01%	1	0.01%
750	KIAA0160	D63881	1	0.01%	1	0.01%
751	PRO0989	AF116614	1	0.01%	1	0.01%
752	transposon-like element	M23161	1	0.01%	1	0.01%
753	WSB1 isoform 2 (WSB1)	AF240696.1	1	0.01%	1	0.01%
754	UDP-N-acetyl-alpha-D-galactosamine:polypeptide	NM_004481.1	1	0.01%	1	0.01%
755	Rab5 GDP/GTP exchange factor homologue (RABEX5)	NM_014504.1	1	0.01%	1	0.01%
756	eukaryotic translation initiation factor 3, subunit 7 (zeta, 66/67kD)	NM_003753.1	1	0.01%	1	0.01%
757	Id3 gene for HLH type transcription factor	X73428.1	1	0.01%	1	0.01%
758	nuclear autoantigenic sperm protein (histone-binding) (NASP)	NM_002482.1	1	0.01%	1	0.01%
759	APEX nuclease (multifunctional DNA repair enzyme) (RefSeq aa 4e-74)	NP_001632.1	1	0.01%	1	0.01%
760	phosphoribosyl pyrophosphate synthetase-associated protein 1 (PRPSAP1)	NM_002766.1	1	0.01%	1	0.01%
761	low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) (L)	NM_002332.1	1	0.01%	1	0.01%
762	poly(A)-binding protein, nuclear 1 (PABPN1)	gi4758875	1	0.01%	1	0.01%
763	microfibrillar-associated protein 1 (MFAP1)	NM_005926.1	1	0.01%	1	0.01%
764	lamin B receptor (LBR)	NM_002296.1	1	0.01%	1	0.01%
765	guanine nucleotide binding protein 10 (GNG10)	NM_004125.1	1	0.01%	1	0.01%
766	histone H2A.F/Z variant (H2AV)	AF081192	1	0.01%	1	0.01%
767	adipose differentiation-related protein (ADFP)	XM_048266.2	1	0.01%	1	0.01%
768	GL004 protein (RefSeq aa 2e-34)	NP_064579.1	1	0.01%	1	0.01%
769	HDCMC29P	AF068295.1	1	0.01%	1	0.01%
770	HSPC229	AF151063.1	1	0.01%	1	0.01%
771	KIAA0117	D38491	1	0.01%	1	0.01%
772	KIAA0324	AB002322.2	1	0.01%	1	0.01%
773	KIAA0447	AB007916	1	0.01%	1	0.01%
774	KIAA0470	AB007939	1	0.01%	1	0.01%
775	KIAA0488	AB007957.1	1	0.01%	1	0.01%
776	KIAA0770	AB018313.1	1	0.01%	1	0.01%
777	KIAA0772 gene	NM_014835.1	1	0.01%	1	0.01%

Figure 15 - Relative EST Frequency of Unique Known Genes Common to Fetal and Normal cDNA Libraries - Page 16 of 17

778	KIAA1190	AB033016.1	1	0.01%	1	0.01%
779	KIAA1404	AB037825.1	1	0.01%	1	0.01%
780	KIAA1507(=FLJ20654)	AB040940.1	1	0.01%	1	0.01%
781	MCT-1 protein (MCT-1)	NM_014060.1	1	0.01%	1	0.01%
782	microspherule protein 1 (MCRS1)	NM_006337.1	1	0.01%	1	0.01%
783	neuroblastoma-amplified protein	AF056195	1	0.01%	1	0.01%
784	NICE-5 protein =AF116721) PRO3094	AJ243666	1	0.01%	1	0.01%
785	non-ocogenic Rho GTPase-specific GTP exchange factor (proto-LBC)	AF127481.1	1	0.01%	1	0.01%
786	PTPRF interacting protein, bindingprotein 1 (liprin beta 1) (RefSeq aa 2e-3)	NP_003613.1	1	0.01%	1	0.01%
787	testis specific protein	AF146738.1	1	0.01%	1	0.01%
788	WRN (WRN)	AF181897.1	1	0.01%	1	0.01%
789	sodium calcium exchanger 1 (NCX1)	U83657	1	0.01%	1	0.01%
790	paraoxonase 2 (PON2)	NM_000305.1	1	0.01%	1	0.01%
791	TPI1 gene for triosephosphate isomerase	X69723.1	1	0.01%	1	0.01%
792	adenylosuccinate lyase(ADSL)	NM_000026.1	1	0.01%	1	0.01%
793	purine nucleoside phosphorylase	X00737	1	0.01%	1	0.01%
794	enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase alpha-subunit of	D16480	1	0.01%	1	0.01%
795	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit (D	NM_003859.1	1	0.01%	1	0.01%
796	leucine zipper, down-regulated in cancer 1 (LDOC1)	NM_012317.1	1	0.01%	1	0.01%
797	ORNITHINE DECARBOXYLASE (ODC)	spP00860	1	0.01%	1	0.01%
798	alpha-1-antitrypsin	K01396.1	1	0.01%	1	0.01%
799	F-box protein 7 (FBX7)	NM_012179.1	1	0.01%	1	0.01%
800	peroxisomal biogenesis factor 12 (PEX12)	NM_000286.1	1	0.01%	1	0.01%
801	bithoraxoid-like protein (BLP)(= HSPC162 protein (HSPC162))	AF165516.1	1	0.01%	1	0.01%
802	glioma-amplified sequence-41 (GAS41)	NM_006530.1	1	0.01%	1	0.01%
803	B cell RAG associated protein (BRAG) (=AB011170 hypothetical protein (K	AF026477	1	0.01%	1	0.01%
804	jun D proto-oncogene (JUND)	NM_005354.1	1	0.01%	1	0.01%
805	mel transforming oncogene (derived from cell line NK14)- RAB8 homolog (I	NM_005370.2	1	0.01%	1	0.01%
806	nuclear factor of activated T-cells, cytoplasmic 4 (NFATC4) mRNA	NM_004554.1	1	0.01%	1	0.01%
807	transcription factor ETR101	M62831	1	0.01%	1	0.01%
808	M5-14 protein (LOC51300)	NM_016589.1	1	0.01%	1	0.01%
809	splicing factor arginine/serine-rich 7 (SFRS7) gene	L41887.1	1	0.01%	1	0.01%
810	splicing factor similar to dnaJ (SPF31)	NM_014280.1	1	0.01%	1	0.01%
811	splicing factor SRp30c gene	U87279.1	1	0.01%	1	0.01%
812	U5 snRNP-associated 102 kDa protein	AF221842.1	1	0.01%	1	0.01%
813	RNA polymerase I 40kD subunit	AF047441	1	0.01%	1	0.01%
814	EBNA-2 co-activator (100kD) (p100)	NM_014390.1	1	0.01%	1	0.01%
815	brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE)	NM_004899.1	1	0.01%	1	0.01%
816	ALEX3 protein (ALEX3)	NM_016607.1	1	0.01%	1	0.01%
817	beta-subunit signal transducing proteins GS/GI (clone 24596)	AF070597	1	0.01%	1	0.01%
818	carbonyl reductase 1 (CBR1)	NM_001757.1	1	0.01%	1	0.01%
819	thioredoxin-like, 32kD (TXNL)	NM_004786.1	1	0.01%	1	0.01%
820	clathrin heavy chain (=D21260 human hypothetical protein (KIAA0034))	J03583	1	0.01%	1	0.01%
821	sodium-dependent multivitamin transporter (SMVT) gene, partial cds	AF116241.1	1	0.01%	1	0.01%
822	synaptic glycoprotein SC2 spliced variant	AF038958	1	0.01%	1	0.01%
823	microtubule-associated protein 1a (MAP1A)	U38292.1	1	0.01%	1	0.01%
824	platelet-derived growth factor A chain (PDGFA) (=X06374)	M83575	1	0.01%	1	0.01%
825	v-jun avian sarcoma virus 17 oncogene homolog (JUN), (=c-jun proto onco	NM_002228.2	1	0.01%	1	0.01%
826	Rab9 effector p40	Z97074	1	0.01%	1	0.01%
827	Rho guanine nucleotide-exchange factor, splice variant NET1A	AJ010045.1	1	0.01%	1	0.01%
828	p8 protein (candidate of metastasis 1) (P8)	NM_012385.1	1	0.01%	1	0.01%
829	uncharacterized bone marrow protein BM042 (BM042) (=DKFZp761A1124	NM_018458.1	1	0.01%	1	0.01%

Figure 15 - Relative EST Frequency of Unique Known Genes Common to Fetal and Normal cDNA Libraries - Page 17 of 17

830	cullin 5 (CUL5)	NM_003478.1	1	0.01%	1	0.01%
831	ADP-ribosylation factor 6 (ARF6)	NM_001663.2	1	0.01%	1	0.01%
832	chloride channel nucleotide-sensitive, 1A (CLNS1A)	NM_001293.1	1	0.01%	1	0.01%
833	JTV-1 (JTV-1)	U24169	1	0.01%	1	0.01%
834	membrane protein-like protein	U21556	1	0.01%	1	0.01%
835	integrin alpha-11 subunit precursor (ITGA11)	AF109681.1	1	0.01%	1	0.01%
836	TRAF and TNF receptor associated protein (ttrap gene)	AJ269473.1	1	0.01%	1	0.01%
837	chromodomain helicase DNA binding protein 4 (CHD4)	NM_001273.1	1	0.01%	1	0.01%
838	Gu protein = PC6010 RNA helicase Gu	U41387.1	1	0.01%	1	0.01%
839	camptothecin resistant clone CEM/C2 DNA topoisomerase I mRNA, partial	U07806.1	1	0.01%	1	0.01%
840	cdc14 homologue	AF000367	1	0.01%	1	0.01%
841	G1 to S phase transition 1 (GSPT1)	XM_055673.1	1	0.01%	1	0.01%
842	CASP8 associated protein 2 (RefSeq aa 2e-87)	NP_036247.1	1	0.01%	1	0.01%
843	programmed cell death 6 (PDCD6)	NM_013232.1	1	0.01%	1	0.01%
844	polymerase (DNA-directed) kappa (POLK), mRNA /cds=(172,2784) /gb=NM	Hs.135756	1	0.01%	1	0.01%
845	replication protein A2 (32kD)(RPA2)	NM_002946.1	1	0.01%	1	0.01%
846	tumor neCrosis factor receptor	M58286	1	0.01%	1	0.01%
847	tumor suppressor protein (101F6), putative	AF040704	1	0.01%	1	0.01%
848	integral type I protein	NM_007364.1	1	0.01%	1	0.01%
849	musculus DnaJ-like protein 1 (Dnajl1)	NM_007869.1	1	0.01%	1	0.01%
850	BRI3	AF272043.1	1	0.01%	1	0.01%
851	novel protein (HSNOV1)	XM_017365.2	1	0.01%	1	0.01%
852	basic leucine zipper nuclear factor 1 (JEM-1) (BLZF1)	NM_003666.1	1	0.01%	1	0.01%
853	glycine cleavage system protein H (aminomethyl carrier) (RefSeq aa 2e-43)	NP_004474.1	1	0.01%	1	0.01%
854	mitochondrial isoleucine tRNA synthetase, Length = 3387	D28500.1	1	0.01%	1	0.01%
855	LENG5 protein (LENG5), mRNA	NM_024075.1	1	0.01%	1	0.01%

Figure 16 - Relative Est Frequency of Unique Known Genes Common to Mild and Severe cDNA Libraries - Page 1 of 19

Total ESTs from each library		12651		14222	
Gene Name	Accession #	Mild OA		Severe OA	
1 alpha gene sequence (=HSP90)	AF203815.1	580	4.58%	408	2.87%
2 fibronectin (FN)	X02761.1	198	1.57%	379	2.66%
3 collagen type III alpha 1 (COL3A1)	X06700]	95	0.75%	337	2.37%
4 beta-2 microglobulin gene (B2M)	gb AF072097.1	200	1.58%	196	1.38%
5 mitochondrial genome (consensus sequence)	X62996	291	2.30%	194	1.36%
6 lumican (LUM)	NM_002345.1	116	0.92%	182	1.28%
7 collagen type I alpha 2 (COL1A2)	NM_000089.1	32	0.25%	176	1.24%
8 thymosin beta-4 (TMSB4X)	M17733	95	0.75%	156	1.10%
9 decorin (DCN)	NM_001920.1	234	1.85%	154	1.08%
10 osteoblast specific factor 2 (OSF-2os)	D13666.1	1	0.01%	123	0.86%
11 vimentin gene (VIM)	Z19554	46	0.36%	102	0.72%
12 mitochondrion, complete genome (=AF382012.1 haplotype M*1 mitoch	NC_001807.2	114	0.90%	92	0.65%
13 elongation factor 1 alpha 1 (EEF1A1)	NM_001402.1	36	0.28%	89	0.63%
14 matrix Gla protein (MGP)	X53331	97	0.77%	80	0.56%
15 ribosomal protein S27 (=metallopainstimulin 1 MPS1)	NM_001030.1	36	0.28%	70	0.49%
16 serine protease=HTRA serine protease (PRSS11)=AF157623.1	Y07921	32	0.25%	57	0.40%
17 ribosomal protein L7	X52967	63	0.50%	54	0.38%
18 proteoglycan 4 (=megakaryocyte stimulating factor)	AAB09089.1	287	2.27%	51	0.36%
19 scrapie responsive protein 1 (SCRG1)	NM_007281.1	56	0.44%	50	0.35%
20 transforming growth factor beta-induced, 68kD (TGFB1)	NM_000358.1	3	0.02%	47	0.33%
21 calmodulin 1 (phosphorylase kinase, delta) (CALM1)	NM_006888.1	31	0.25%	46	0.32%
22 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLR	NM_002489.1	14	0.11%	46	0.32%
23 cytochrome c oxidase subunit VIc (COX6C)	NM_004374.1	22	0.17%	44	0.31%
24 Ribosomal protein S20 (RPS20)	NM_001023.1	23	0.18%	42	0.30%
25 osteonectin gene (SPARC) secreted protein, acidic,cysteine-rich	M25746.1	15	0.12%	42	0.30%
26 tumor protein translationally-controlled 1 (TPT1)	NM_003295.1	26	0.21%	37	0.26%
27 hexabrachion (tenascin C, cytactin) (HXB)	NM_002160.1	7	0.06%	37	0.26%
28 ribosomal protein L34 (RPL34)	NM_000995.1	22	0.17%	36	0.25%
29 thioredoxin (TXN)	J04026	22	0.17%	36	0.25%
30 asporin (ASPN) (LRR class 1)	NM_017680.1	24	0.19%	35	0.25%
31 annexin A2 (ANXA2)(lipocortin II)	NM_004039.1	7	0.06%	34	0.24%
32 transmembrane protein BRI	AF246221.1	37	0.29%	33	0.23%
33 ferritin heavy chain	L20941.1	7	0.06%	33	0.23%
34 ribosomal protein S25 (RPS25)	NM_001028.1	17	0.13%	32	0.23%
35 connective tissue growth factor (CTGF)	U14750	44	0.35%	31	0.22%
36 ribosomal protein L9	U09953	12	0.09%	30	0.21%
37 small nuclear ribonucleoprotein polypeptide G (SNRPG)	X85373	7	0.06%	29	0.20%
38 ribosomal protein S3a	M77234	18	0.14%	28	0.20%
39 translationally controlled tumor protein (TCTP)	X16064	17	0.13%	28	0.20%
40 RIBOSOMAL PROTEIN L17	spP18621	10	0.08%	27	0.19%
41 ribosomal protein L21	U14967.1	14	0.11%	26	0.18%
42 ribosomal protein L31	NM_000993.1	13	0.10%	25	0.18%
43 mimecan (OGN) (OIF)	AF202167.1	19	0.15%	24	0.17%
44 annexin I (lipocortin I) (ANX1) =X05908 (ORF)	NM_000700.1	11	0.09%	24	0.17%
45 putative p150	AAC51271.1	20	0.16%	22	0.15%
46 deleted in split hand/split foot 1 (DSS1)	U41515	11	0.09%	22	0.15%
47 mitochondrial ATPase coupling factor 6 subunit (ATP5A)	M37104	6	0.05%	22	0.15%
48 collagen type VI alpha 3 (COL6A3)	NM_004369.1	5	0.04%	22	0.15%
49 ribosomal protein S13	NM_001017.1	8	0.06%	21	0.15%

Figure 16 - Relative Est Frequency of Unique Known Genes Common to Mild and Severe cDNA Libraries - Page 2 of 19

50	ribosomal RNA 18S	X03205	24	0.19%	20	0.14%
51	ribosomal protein L41	AF026844.1	14	0.11%	20	0.14%
52	cytochrome c oxidase subunit VIIb	Z14244	12	0.09%	20	0.14%
53	ribosomal protein S11 (RPS11)	NM_001015.1	11	0.09%	19	0.13%
54	ribosomal protein L27 (RPL27)	NM_000988.1	7	0.06%	19	0.13%
55	vitamin A responsive cytoskeleton related (JWA)	NM_006407.2	18	0.14%	18	0.13%
56	nascent-polypeptide-associated complex alpha polypeptide (NACA)	NM_005594.1	13	0.10%	18	0.13%
57	HSPC036 protein (=AF077200.1 HSPC014)	AF125097.1	8	0.06%	18	0.13%
58	CGI-134 protein (LOC51023)	NM_016067.1	4	0.03%	18	0.13%
59	ribosomal protein S6	M20020	13	0.10%	17	0.12%
60	ribosomal protein S29	L31610.1	8	0.06%	17	0.12%
61	androgen receptor associated protein 24 (ARA24) (=AF054183 GTP bi	AF052578	7	0.06%	17	0.12%
62	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2)	NM_001418.1	4	0.03%	17	0.12%
63	Sec61 gamma	AF054184	3	0.02%	17	0.12%
64	ribosomal protein L37	L11567	6	0.05%	16	0.11%
65	integrin beta 1 subunit	X07979.1	6	0.05%	16	0.11%
66	myosin regulatory light chain	X54304	4	0.03%	16	0.11%
67	gap junction protein, alpha 1, 43kD (connexin 43) (GJA1)	NM_000165.2	1	0.01%	16	0.11%
68	ribosomal DNA complete repeating unit	U13369.1	28	0.22%	15	0.11%
69	tumor rejection antigen (gp96) 1 (TRA1)	X15187	19	0.15%	15	0.11%
70	lysosome-associated protein, transmembrane - 4alpha (=D14696.1 Hum	U34259.1	10	0.08%	15	0.11%
71	cytochrome c oxidase, liver specific (EC 1.9.3.1.)	X15822	10	0.08%	15	0.11%
72	prothymosin alpha	M14630	9	0.07%	15	0.11%
73	F1-ATPase epsilon-subunit (ATP5E)	AF052955.1	7	0.06%	15	0.11%
74	cartilage intermediate layer protein, CILP	AB022430.1	17	0.13%	14	0.10%
75	ribosomal protein L6	X69391	11	0.09%	14	0.10%
76	S100 calcium-binding protein A4 (calcium protein, calvasculin, metasta	gi4506764	11	0.09%	14	0.10%
77	ribosomal protein L38	Z26876	7	0.06%	14	0.10%
78	ribosomal protein L35a	NM_000996.1	3	0.02%	14	0.10%
79	H4 histone family, member G (H4FG)	NM_003542.2	3	0.02%	14	0.10%
80	KIAA0005	D13630	19	0.15%	13	0.09%
81	ribosomal protein L26	X69392	11	0.09%	13	0.09%
82	ribosomal protein S24	M31520	10	0.08%	13	0.09%
83	ribosomal protein L44 (RPL44)	NM_001001.1	10	0.08%	13	0.09%
84	collagen lysyl hydroxylase isoform 2 (PLOD2)	U84573	8	0.06%	13	0.09%
85	RIBOSOMAL PROTEIN L10 (QM PROTEIN) (TUMOR SUPPRESSOR C	sp27635	6	0.05%	13	0.09%
86	ribosomal protein L30	L05095.1	6	0.05%	13	0.09%
87	hH3.3B gene for histone H3.3	Z48950.1	6	0.05%	13	0.09%
88	ribosomal protein L39	D79205	4	0.03%	13	0.09%
89	calpactin 1 light chain	M81457	3	0.02%	13	0.09%
90	ribosomal protein L23a	U43701	13	0.10%	12	0.08%
91	Ribosomal protein L36 (=RPL44)	AF077043.1	10	0.08%	12	0.08%
92	cysteine dioxygenase	D85777	10	0.08%	12	0.08%
93	ribosomal protein L13	AF112214	6	0.05%	12	0.08%
94	endozepine (putative ligand of benzodiazepine receptor)	M15887.1	6	0.05%	12	0.08%
95	Ribosomal protein L4	NM_000968.1	4	0.03%	12	0.08%
96	heparan sulfate proteoglycan (HSPG) (OCI5)	J04621.1	4	0.03%	12	0.08%
97	pp21 homolog	AF125535.1	4	0.03%	12	0.08%
98	ribosomal protein S8 (RPS8)	NM_001012.1	3	0.02%	12	0.08%
99	calmodulin 2 (phosphorylase kinase, delta) (CALM2)	NM_001743.1	25	0.20%	11	0.08%
100	fibromodulin (FMOD)	NM_002023.2	19	0.15%	11	0.08%
101	caveolin 1 (CAV1)	AF125348.1	11	0.09%	11	0.08%



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102	ribosomal protein L37a	L22154	8	0.06%	11	0.08%
103	ribosomal protein, large, P0 (RPLP0)	NM_001002.1	6	0.05%	11	0.08%
104	osteomodulin (OMD)	AB000114	6	0.05%	11	0.08%
105	lactate dehydrogenase A (LDHA)	NM_005566.1	5	0.04%	11	0.08%
106	dynein light chain 1 (hdlc1), cytoplasmic	U32944	4	0.03%	11	0.08%
107	fibrillin (FBN1)	X63556	3	0.02%	11	0.08%
108	caldesmon	M64110	3	0.02%	11	0.08%
109	PRO2003	AF116679.1	2	0.02%	11	0.08%
110	ribosomal protein S7	M77233	2	0.02%	11	0.08%
111	ring-box 1 (RBX1)	NM_014248.1	2	0.02%	11	0.08%
112	HSPC005 (=C11orf10)	AF070661	1	0.01%	11	0.08%
113	H factor 1 (complement) (HF1)	NM_000186.1	17	0.13%	10	0.07%
114	high mobility group-1 protein (HMG-1)	X12597	12	0.09%	10	0.07%
115	spermidine/spermine N1-acetyltransferase	Z14136	10	0.08%	10	0.07%
116	ribosomal protein L7a (surf 3) large subunit	M36072	8	0.06%	10	0.07%
117	ribosomal protein L3 (RPL3)	NM_000967.1	7	0.06%	10	0.07%
118	transcription elongation factor B (SIII), polypeptide 1-like (TCEB1L)	NM_003197.2	7	0.06%	10	0.07%
119	78 kD glucose-regulated protein (GRP78) gene (=BiP protein)	M19645.1	6	0.05%	10	0.07%
120	RNA polymerase II elongation factor-like protein	Z47087	5	0.04%	10	0.07%
121	prefoldin 5 (PFDN5) (=D89667 c-myc binding protein)	NP_002615.1	4	0.03%	10	0.07%
122	ribosomal protein L12	L06505	3	0.02%	10	0.07%
123	S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light p	NM_002966.1	3	0.02%	10	0.07%
124	heat shock factor binding protein 1 (HSBP1)	NM_001537.1	2	0.02%	10	0.07%
125	CD9 antigen (p24/CD9)	L08125	10	0.08%	9	0.06%
126	eukaryotic translation initiation factor 3 (EIF3S6) (=INT6)	NM_001568.1	8	0.06%	9	0.06%
127	COX17 (yeast) homolog, cytochrome c oxidase assembly protein (COX	NM_005694.1	8	0.06%	9	0.06%
128	osteoclastogenesis inhibitory factor	AB008822	8	0.06%	9	0.06%
129	clusterin (CLU) SP40,40 (=M63379 TRPM-2 protein)	NM_001831.1	7	0.06%	9	0.06%
130	epithelial membrane protein 1 (EMP1)	NM_001423.1	6	0.05%	9	0.06%
131	BiP protein	X87949	6	0.05%	9	0.06%
132	ATP synthase, H transporting, mitochondrial F0 complex, subunit e (Re	NP_009031.1	4	0.03%	9	0.06%
133	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation pr	NM_003404.1	4	0.03%	9	0.06%
134	ribosomal protein L19	X63527	3	0.02%	9	0.06%
135	matrilin-3 (MATR3)	Y13341	3	0.02%	9	0.06%
136	Tubulin alpha isoform 1	AF081484	2	0.02%	9	0.06%
137	cytochrome c oxidase subunit VIIa (COX7A) muscle isoform	M83186	2	0.02%	9	0.06%
138	ribosomal protein L23	NM_000978.1	1	0.01%	9	0.06%
139	poly(A)-binding protein (PABP)	U68105	1	0.01%	9	0.06%
140	ribosomal protein S4, X-linked (RPS4X)	NM_001007.1	12	0.09%	8	0.06%
141	TSC-22 protein	U35048	12	0.09%	8	0.06%
142	HSPC312 (ORF) = AF161428.1 (=HSPC310)	AF161430	10	0.08%	8	0.06%
143	collagen type XI alpha 1 (COL11A1)	NM_001854.1	7	0.06%	8	0.06%
144	defender against cell death 1 (DAD1)	NM_001344.1	5	0.04%	8	0.06%
145	neuroendocrine-specific protein C like (foocen) (NSP-CL) reticulon 4 (f	NM_007008.1	5	0.04%	8	0.06%
146	calcyclin (=M14300 growth factor-inducible 2A9 gene; U04815 protein I	J02763	4	0.03%	8	0.06%
147	solute carrier family 25 (mitochondrial carrier; phosphate carrier), mem	NM_005888.1	4	0.03%	8	0.06%
148	myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLCB), r	Hs.233936	4	0.03%	8	0.06%
149	tomoregulin	AB004064.1	4	0.03%	8	0.06%
150	NADH dehydrogenase	X81900	3	0.02%	8	0.06%
151	ATP synthase epsilon chain	AF077045.1	3	0.02%	8	0.06%
152	collagen type V alpha 2 (COL5A2)	M11718	2	0.02%	8	0.06%
153	TGF-beta1IR alpha	D50683	2	0.02%	8	0.06%

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154	thrombospondin 2 (THBS2)	L12350	1	0.01%	8	0.06%
155	ribosomal protein L11	L05092.1	16	0.13%	7	0.05%
156	LINE-1 REVERSE TRANSCRIPTASE HOMOLOG (=putative p150)	spP08547	14	0.11%	7	0.05%
157	ribosomal protein L5	U76609	10	0.08%	7	0.05%
158	mitochondrial ubiquinone-binding protein	M26700	10	0.08%	7	0.05%
159	HSPC310 (=HSPC312)	AF161428.1	8	0.06%	7	0.05%
160	ATP synthase, H transporting, mitochondrial F1F0, subunit g (ATP5JC	NM_006476.1	7	0.06%	7	0.05%
161	cytochrome c oxidase subunit VIIc (COX7C)	NM_001867.1	7	0.06%	7	0.05%
162	epididymal seCRetory protein (19.5kD) (HE1)	gi5453677	6	0.05%	7	0.05%
163	ribosomal protein S17	M13932	5	0.04%	7	0.05%
164	cytochrome b (ORF)	U09500	5	0.04%	7	0.05%
165	UMP-CMP kinase	AF110643.1	5	0.04%	7	0.05%
166	nucleolar phosphoprotein B23 (NPM1)	M28699	4	0.03%	7	0.05%
167	cartilage-derived C-type lectin (CLECSF1)	AF077345	4	0.03%	7	0.05%
168	histone H3.3	Z48950	4	0.03%	7	0.05%
169	ATP synthase, H transporting, mitochondrial F0 complex, subunit g (A	Hs.107476	4	0.03%	7	0.05%
170	MORF-related gene X (KIAA0026) (=MRG15)	NM_012286.1	4	0.03%	7	0.05%
171	ATP synthase, H transporting, mitochondrial F1 complex, gamma poly	NM_005174.1	4	0.03%	7	0.05%
172	ATP synthase, H transporting, mitochondrial F1 complex, alpha subun	NM_004046.1	4	0.03%	7	0.05%
173	HSPC163	AF161512	4	0.03%	7	0.05%
174	actin, gamma 1 (ACTG1)	NM_001614.1	3	0.02%	7	0.05%
175	ribosomal protein L22 (RPL22)	NM_000983.1	3	0.02%	7	0.05%
176	muscleblind (Drosophila)-like (MBNL) (=KIAA0428)	NM_021038.1	3	0.02%	7	0.05%
177	ADP-ribosylation factor 4 (ARF4)	AF104238.1	3	0.02%	7	0.05%
178	vacuolar sorting protein VPS29/PEP11 (LOC51699)	NM_016226.1	3	0.02%	7	0.05%
179	palladin (KIAA0992)= CGI-151	NM_016081.1	2	0.02%	7	0.05%
180	vacuolar H-ATPase subunit	AF038954	2	0.02%	7	0.05%
181	calnexin (CANX) integral membrane protein, calnexin, (IP90)	M94859	2	0.02%	7	0.05%
182	annexin A5 (ANXA5)(lipocortin-V)	NM_001154.2	1	0.01%	7	0.05%
183	phosphoglycerate mutase (PGAM-B)	J04173	1	0.01%	7	0.05%
184	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseud	NM_000362.1	15	0.12%	6	0.04%
185	reverse transCRiptase	D84391	12	0.09%	6	0.04%
186	decay-accelerating factor	M31516	7	0.06%	6	0.04%
187	ribosomal protein L32 (RPL32)	NM_000994.1	6	0.05%	6	0.04%
188	PRO1574 (mitochondrial proteolipid 68MP homolog (PLPM)	AF116639.1	5	0.04%	6	0.04%
189	heterogeneous nuclear ribonucleoprotein D-like (HNRPDL)	NM_005463.1	5	0.04%	6	0.04%
190	heterogeneous nuclear ribonucleoprotein D (hnRNP D) (52% aa)	D55671	5	0.04%	6	0.04%
191	phospholipase A2	M86400	5	0.04%	6	0.04%
192	procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase)	Hs.41270	4	0.03%	6	0.04%
193	Cu/Zn superoxide dismutase (SOD)	X02317	4	0.03%	6	0.04%
194	ribosomal protein S12	X53505	3	0.02%	6	0.04%
195	ribosomal protein S23 (RPS23) =D14530 (ORF)	NM_001025.1	3	0.02%	6	0.04%
196	cathepsin K (pseudodysostosis)(CTSK)	NM_000396.1	3	0.02%	6	0.04%
197	p40	AAC51266.1	3	0.02%	6	0.04%
198	integrin, beta 1(fibronectin receptor, beta polypeptide, antigen CD29 in	NM_002211.1	3	0.02%	6	0.04%
199	15 kDa selenoprotein (SEP15)	AF051894	3	0.02%	6	0.04%
200	Fn54	AF001533.2	3	0.02%	6	0.04%
201	ribosomal protein S15a	X84407	2	0.02%	6	0.04%
202	T-cell cyclophilin	Y00052	2	0.02%	6	0.04%
203	FK506 binding protein (Fkbp63)	AF090334	2	0.02%	6	0.04%
204	ATPase, H transporting, lysosomal (vacuolar proton pump) 9kD (ATP6	NM_003945.1	2	0.02%	6	0.04%
205	calumein (Calu) (calumenin)	AF013759	2	0.02%	6	0.04%

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206	cell division cycle 10 (homologous to CDC10 of <i>S. cerevisiae</i> ) (CDC10)	NM_001788.1	2	0.02%	6	0.04%
207	cig19 (=D31887.1 KIAA0062)	AF026940.1	2	0.02%	6	0.04%
208	phosphoglycerate kinase 1 (PGK1) (ORF)	NM_000291.1	2	0.02%	6	0.04%
209	nuclease sensitive element binding protein 1 (NSEP1) = L28809.1 dbp	NM_004559.1	2	0.02%	6	0.04%
210	cathepsin B (CTSB)	L22569	2	0.02%	6	0.04%
211	CGI-110 protein	AF151868.1	2	0.02%	6	0.04%
212	HS1 protein (=YWHAQ)	X57347	2	0.02%	6	0.04%
213	cell cycle progression 8 protein (CPR8)(ORF)=AF011794	NM_004748.1	2	0.02%	6	0.04%
214	inositol polyphosphate 1-phosphatase gene (INPP1) (low match)	AF141324.1	2	0.02%	6	0.04%
215	ribosomal protein L24 (RPL24) (=ribosomal protein L30)	NM_000986.1	1	0.01%	6	0.04%
216	cyclin	M74091	1	0.01%	6	0.04%
217	NADH dehydrogenase subunit 2 (ND2)	AF014897.2	1	0.01%	6	0.04%
218	Down syndrome candidate region 1 (DSCR1)	NM_004414.2	1	0.01%	6	0.04%
219	NAP (nucleosome assembly protein)	M86667	1	0.01%	6	0.04%
220	MRG15 protein (MRG15)	AF100615.1	1	0.01%	6	0.04%
221	PRO2853	AF119905.1	10	0.08%	5	0.04%
222	RIBOSOMAL PROTEIN L10A (CSA-19)(RPL10A)	P53025	7	0.06%	5	0.04%
223	peptidylglycine alpha-amidating monooxygenase (PAM)	M37721	7	0.06%	5	0.04%
224	selenoprotein P (SEPP1)	Z11793	5	0.04%	5	0.04%
225	insulin-like growth factor binding protein 7 (IGFBP7)	4504618	5	0.04%	5	0.04%
226	growth arrest-specific 1 (GAS1)	NM_002048.1	5	0.04%	5	0.04%
227	extracellular matrix protein	AB011792	5	0.04%	5	0.04%
228	SOD-2 manganese superoxide dismutase	X65965	4	0.03%	5	0.04%
229	miCRosomal signal peptidase	AF061737	4	0.03%	5	0.04%
230	transmembrane glycoprotein (GPNMB)	X76534	4	0.03%	5	0.04%
231	transcription elongation factor A (SII), 1 (TCEA1)	NM_006756.1	4	0.03%	5	0.04%
232	HSPC297 (=HSPC030)	AF161415.1	4	0.03%	5	0.04%
233	cyclin I	D50310	3	0.02%	5	0.04%
234	mitochondrial proteolipid 68MP homolog (PLPM)	NM_004894.1	3	0.02%	5	0.04%
235	hepatitis B virus X interacting protein (XIP)	AF029890	3	0.02%	5	0.04%
236	activated RNA polymerase (PC4)	NM_006713.1	3	0.02%	5	0.04%
237	myosin light chain 3 non-muscle (MLC3nm)	M31212	3	0.02%	5	0.04%
238	heat shock protein 86 (HSP86)	M30626.1	3	0.02%	5	0.04%
239	PTD014	AF092135.1	3	0.02%	5	0.04%
240	polyubiquitin	E12605	2	0.02%	5	0.04%
241	B-cell translocation protein 1 (BTG1)	X61123	2	0.02%	5	0.04%
242	small nuclear ribonucleoprotein D2 polypeptide (16.5kD) (SNRPD2)	NM_004597.3	2	0.02%	5	0.04%
243	pre-mRNA splicing factor (SFRS3)	AF107405.1	2	0.02%	5	0.04%
244	cytochrome c oxidase subunit VIIa polypeptide 2 like (COX7A2L)	NM_004718.1	2	0.02%	5	0.04%
245	FRG1	L76159	2	0.02%	5	0.04%
246	ribosomal protein S16	M60854	1	0.01%	5	0.04%
247	NADH dehydrogenase subunit 4L (RefSeq aa 2e-45)	gi5835396	1	0.01%	5	0.04%
248	mannosidase, beta A, lysosomal (MANBA) gene, and ubiquitin-conjugase	AF224669.1	1	0.01%	5	0.04%
249	CD164 antigen, sialomucin (CD164)	NM_006016.1	1	0.01%	5	0.04%
250	ganglioside expression factor 2 (GEF-2)	NM_007285.1	1	0.01%	5	0.04%
251	factor H homologue	M65294.1	1	0.01%	5	0.04%
252	dihydropyrimidinase-like 3 (DPYSL3)	NM_001387.1	1	0.01%	5	0.04%
253	stromal cell derived factor receptor 1 (SDFR1)	NM_012428.1	1	0.01%	5	0.04%
254	Pcp-2=Purkinje cell protein 2	S40022	1	0.01%	5	0.04%
255	IGSF4 gene	AB017563.1	1	0.01%	5	0.04%
256	collagen type II alpha 1 (COL2A1)	J00116.1	15	0.12%	4	0.03%
257	complement factor H (=M17517)	Y00716	15	0.12%	4	0.03%

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258	MEN1 region clone epsilon/beta	AF001893.1	8	0.06%	4	0.03%
259	ubiquinol-cytochrome c reductase complex (7.2 kD); hypothetical prote	NP_037519.1	8	0.06%	4	0.03%
260	breast carcinoma amplified sequence 2 (BCAS2)	NM_005872.1	8	0.06%	4	0.03%
261	SUI1 isolog	AF083441.1	6	0.05%	4	0.03%
262	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD	NM_004396.1	6	0.05%	4	0.03%
263	hypoxia-inducible factor 1 alpha (HIF-1 alpha)	U22431	6	0.05%	4	0.03%
264	KIAA0728	AB018271.1	6	0.05%	4	0.03%
265	heat shock 10kD protein 1 (chaperonin 10) (HSPE1)	NM_002157.1	5	0.04%	4	0.03%
266	platelet-derived growth factor receptor alpha (PDGFRA)	M21574	5	0.04%	4	0.03%
267	Clk-associated RS cyclophilin CARS-Cyp	U40763	5	0.04%	4	0.03%
268	ribosomal protein L13a (RPL13A)	NM_012423.1	4	0.03%	4	0.03%
269	ribosomal protein L15	NM_002948.1	4	0.03%	4	0.03%
270	thyroid receptor interactor (TRIP7)	L40357	4	0.03%	4	0.03%
271	vesicle docking protein p115 (P115)	NM_003715.1	4	0.03%	4	0.03%
272	heat shock J2 protein (HSJ2)	AF075601.1	4	0.03%	4	0.03%
273	tumor neCrosis factor-inducible (TSG-6)	M31165	4	0.03%	4	0.03%
274	ribosomal protein, large, P1 (RPLP1)	NM_001003.1	3	0.02%	4	0.03%
275	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1)	NM_002136.1	3	0.02%	4	0.03%
276	lysosomal membrane glycoprotein CD63 (=M59907 ME491;X07982)	M58485	3	0.02%	4	0.03%
277	Cyr61 protein (CYR61)	AF031385	3	0.02%	4	0.03%
278	BCL2/adenovirus E1B 19kD-interacting protein 3 (BNIP3)	U15174	3	0.02%	4	0.03%
279	amyloid-beta protein (APP)	M33112.1	3	0.02%	4	0.03%
280	hereditary haemochromatosis region, histone 2A-like protein gene, her	U91328.1	3	0.02%	4	0.03%
281	SEC24 (S. cerevisiae)related gene family, member D (SEC24D), = AK	NM_014822.1	3	0.02%	4	0.03%
282	annexin A4 (ANXA4)	NM_001153.2	3	0.02%	4	0.03%
283	semaphorin E	AB000220	3	0.02%	4	0.03%
284	single-stranded DNA-binding protein (SSBP), nuclear gene encoding n	NM_003143.1	3	0.02%	4	0.03%
285	5' nucleotidase (EC 3.1.3.5)	X55740	3	0.02%	4	0.03%
286	AgX-1 antigen	S73498	3	0.02%	4	0.03%
287	frizzled-related protein (FRZB)	NM_001463.1	2	0.02%	4	0.03%
288	alpha E-catenin (CTNNA1) gene	AF102803.1	2	0.02%	4	0.03%
289	zinc finger transCRiption factor GKLF	AF105036.1	2	0.02%	4	0.03%
290	KIAA1247	AB033073.1	2	0.02%	4	0.03%
291	Lsm3 protein	AJ238095.1	2	0.02%	4	0.03%
292	SET translocation (myeloid leukemia-associated) (SET) =M93651	NM_003011.1	2	0.02%	4	0.03%
293	arginine-rich nuclear protein	M74002	2	0.02%	4	0.03%
294	actin-related protein Arp3 (ARP3)(actin-related protein 3 yeast)homolog	AF006083.1	2	0.02%	4	0.03%
295	CYTOCHROME C OXIDASE POLYPEPTIDE I	P00395	2	0.02%	4	0.03%
296	PRO0530	AF111849.1	2	0.02%	4	0.03%
297	small acidic protein	U51678	2	0.02%	4	0.03%
298	ATP SYNTHASE E CHAIN, MITOCHONDRIAL	spP56385	2	0.02%	4	0.03%
299	lost on transformation LOT1 (=PLAGL1)	U72621.2	2	0.02%	4	0.03%
300	N2A3 (=DPYSL2) (=dihydropyrimidinase related protein-2)	U97105	2	0.02%	4	0.03%
301	HIC protein	AF054589	2	0.02%	4	0.03%
302	CGI-148 protein	AF151906	2	0.02%	4	0.03%
303	ribosomal protein S21 (RPS21)	L04483	1	0.01%	4	0.03%
304	TI-227H (=tomoregulin; mitchondrial)	D50525	1	0.01%	4	0.03%
305	glucocorticoid-induced GILZ	AF228339	1	0.01%	4	0.03%
306	heat shock 70kD protein 10 (HSC71) (HSPA10)	NM_006597.1	1	0.01%	4	0.03%
307	actin binding protein ABP620	AB029290.1	1	0.01%	4	0.03%
308	profilin II	L10678.1	1	0.01%	4	0.03%
309	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation pr	NM_006826.1	1	0.01%	4	0.03%

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310	sphingolipid activator protein 1	J03015	1	0.01%	4	0.03%
311	prolyl 4-hydroxylase gene	U14608.1	1	0.01%	4	0.03%
312	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler	NM_000311.1	1	0.01%	4	0.03%
313	interleukin 1 receptor, type I (IL1R1) = M27492.1	NM_000877.1	1	0.01%	4	0.03%
314	KIAA0663	AB014563	1	0.01%	4	0.03%
315	palmitoyl-protein thioesterase (PPT)	AF022211	1	0.01%	4	0.03%
316	N-acylsphingosine amidohydrolase (ASAH) (acid ceramidase)	NM_004315.1	1	0.01%	4	0.03%
317	biglycan BGN	U11686.1	1	0.01%	4	0.03%
318	KIAA0102	D14658	1	0.01%	4	0.03%
319	vascular cell adhesion molecule 1 (VCAM1)	M30257	1	0.01%	4	0.03%
320	signal recognition particle subunit 9 (SRP9)	U20998	1	0.01%	4	0.03%
321	somatic cytochrome c (HCS) gene	M22877.1	1	0.01%	4	0.03%
322	calpastatin	D50827	1	0.01%	4	0.03%
323	H-2K binding factor-2	D14041	1	0.01%	4	0.03%
324	nucleobindin 2 (NUCB2)(NEFA protein)	X76732	1	0.01%	4	0.03%
325	Rap1B	U07795	1	0.01%	4	0.03%
326	X (inactive)-specific transCRipt (XIST)	M97168	1	0.01%	4	0.03%
327	NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (COMPLE	spO00483	1	0.01%	4	0.03%
328	XAGL protein	Y15906.1	1	0.01%	4	0.03%
329	KIAA1038	AB028961	1	0.01%	4	0.03%
330	Ku autoimmune antigen gene	J04977.1	9	0.07%	3	0.02%
331	hypoxia-inducible gene 1 (HIG1) (=HSPC010)	AF145385.1	8	0.06%	3	0.02%
332	Tigger1 transposable element	U49973.1	7	0.06%	3	0.02%
333	cytosolic selenium-dependent glutathione peroxidase (=L09159 RHOA	M83094	7	0.06%	3	0.02%
334	sterol carrier protein 2	S52450	6	0.05%	3	0.02%
335	ribosomal protein S3 (RPS3)	NM_001005.1	5	0.04%	3	0.02%
336	enhancer of rudimentary homologue	U66871	5	0.04%	3	0.02%
337	Heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor	NM_004501.1	5	0.04%	3	0.02%
338	epidermal growth factor receptor kinase substrate (Eps8)	U12535	5	0.04%	3	0.02%
339	protein disulfide isomerase-related protein (P5)= D49489	NM_005742.1	5	0.04%	3	0.02%
340	paired mesoderm homeo box 1 (PMX1)	gi5902023	5	0.04%	3	0.02%
341	actin, beta (ACTB)	NM_001101.2	4	0.03%	3	0.02%
342	guanine nucleotide binding protein (G protein), beta polypeptide 2-like	NM_006098.1	4	0.03%	3	0.02%
343	aggrecan (chondroitin sulfate proteoglycan 1, large aggregating proteo	U13613	4	0.03%	3	0.02%
344	trophoblast STAT utron	AF080092.1	4	0.03%	3	0.02%
345	testis enhanced gene transCRipt protein (TEGT)	AF033095	4	0.03%	3	0.02%
346	heterogeneous nuclear ribonucleoprotein K (HNRPK)	NM_002140.1	4	0.03%	3	0.02%
347	UDP-glucose dehydrogenase (UGDH)	AF061016	4	0.03%	3	0.02%
348	uridine diphosphoglucose pyrophosphorylase	U27460	4	0.03%	3	0.02%
349	kinectin 1 (kinesin receptor) (KTN1)(= KIAA0004)	NM_004986.1	4	0.03%	3	0.02%
350	GOLGI 4-TRANSMEMBRANE SPANNING TRANSPORTER MTP (KIA	spQ15012	4	0.03%	3	0.02%
351	neural precursor cell expressed, developmentally down-regulated 5 (NI	NM_004404.1	3	0.02%	3	0.02%
352	chloride intracellular channel 4 like (CLIC4L)	NM_013943.1	3	0.02%	3	0.02%
353	DEK oncogene (DNA binding) (DEK)	gi4503248	3	0.02%	3	0.02%
354	S164 (=AC004858 U1 small ribonucleoprotein 1SNRP homologue)	AF109907	3	0.02%	3	0.02%
355	malate dehydrogenase 1, NAD (soluble) (MDH1)	NM_005917.1	3	0.02%	3	0.02%
356	matrilin-2 precursor	U69263	3	0.02%	3	0.02%
357	Golgi autoantigen, golgin subfamily a, 4 (GOLGA4)	NM_002078.2	3	0.02%	3	0.02%
358	spectrin SH3 domain binding protein 1 (SSH3BP1)	NM_005470.1	3	0.02%	3	0.02%
359	GTP-binding protein Sara	AF092130.1	3	0.02%	3	0.02%
360	C2H2 zinc finger protein (ZNF189)	AF025772.1	3	0.02%	3	0.02%
361	SON protein	AF193606	3	0.02%	3	0.02%

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362	ribosomal protein L14	D87735	2	0.02%	3	0.02%
363	collagen type XII alpha 1 (COL12A1)	U57362	2	0.02%	3	0.02%
364	protein tyrosine phosphatase (hR-PTPu)	X58288	2	0.02%	3	0.02%
365	titin (TTN) gene	CAA49245.1	2	0.02%	3	0.02%
366	16.7Kd protein	AF078845.1	2	0.02%	3	0.02%
367	KIAA0438	AB007898.1	2	0.02%	3	0.02%
368	PAPS synthetase-2 (PAPSS2)	AF074331.1	2	0.02%	3	0.02%
369	ataxia telangiectasia (ATM) gene	U82828.1	2	0.02%	3	0.02%
370	constitutive fragile region FRA3B	AF152363.1	2	0.02%	3	0.02%
371	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5 (13kD, B13	NM_005000.1	2	0.02%	3	0.02%
372	small membrane protein 1 (SMP1)	AF081282	2	0.02%	3	0.02%
373	glutaredoxin	X76648.1	2	0.02%	3	0.02%
374	KIAA0569	AB011141	2	0.02%	3	0.02%
375	KIAA0942 protein (KIAA0942)	NM_015310.1	2	0.02%	3	0.02%
376	cullin 4A (CUL4A)	AF077188.1	2	0.02%	3	0.02%
377	voltage-dependent anion channel (VDAC1)	AF151097.1	2	0.02%	3	0.02%
378	exportin 1 (CRM1,yeast, homolog) (XPO1)(ORF) =D89729, CRM1 prot	NM_003400.1	2	0.02%	3	0.02%
379	progesterone membrane binding protein (PMBP)	5453915	2	0.02%	3	0.02%
380	HSPC204	AF151038.1	2	0.02%	3	0.02%
381	HSPC034 protein	AF100747.1	2	0.02%	3	0.02%
382	TATA element modulatory factor	L01042.1	2	0.02%	3	0.02%
383	CGI-121 protein (LOC51002)	NM_016058.1	2	0.02%	3	0.02%
384	activin beta-A subunit (=cDNA FLJ11041 fis, clone PLACE1004405, d	X57580.1	2	0.02%	3	0.02%
385	ferritin L chain	M11147	1	0.01%	3	0.02%
386	guanine nucleotide binding protein (G protein), alpha stimulating activit	NM_000516.2	1	0.01%	3	0.02%
387	nicotinamide N-methyltransferase (NNMT)	U08021	1	0.01%	3	0.02%
388	protein C inhibitor [human, leukocytes, Genomic, 1402 nt, segment 5 o	S69366.1	1	0.01%	3	0.02%
389	transCRiption factor BTF 3	X74070	1	0.01%	3	0.02%
390	GAP-associated tyrosine phosphoprotein p62 (Sam68) (SAM68) (=p62	NM_006559.1	1	0.01%	3	0.02%
391	collagen type VI alpha 1(COL6A1)	X15880	1	0.01%	3	0.02%
392	t-complex-associated-testis-expressed 1-like (TCTE1L)=U02556=RP3	NM_006520.1	1	0.01%	3	0.02%
393	NADH-ubiquinone oxidoreductase AGGG subunit precursor homolog	AF067166.1	1	0.01%	3	0.02%
394	ubiquitin gene	U49869	1	0.01%	3	0.02%
395	CYTOCHROME C OXIDASE POLYPEPTIDE II	spP00403	1	0.01%	3	0.02%
396	cisplatin resistance-associated overexpressed protein	AB034205.1	1	0.01%	3	0.02%
397	Arp2/3 protein complex subunit p16 (ARC16) =AF006088 (ORF)	NM_005717.1	1	0.01%	3	0.02%
398	Eukaryotic translation initiation factor 2, subunit 2 (beta, 38kD)(EIF2S2	NM_003908.1	1	0.01%	3	0.02%
399	p75NTR-associated cell death executor (NADE)	AF187064.1	1	0.01%	3	0.02%
400	GW128	AF107406	1	0.01%	3	0.02%
401	SLC11A3 iron transporter	AF215636.1	1	0.01%	3	0.02%
402	line-1 protein ORF2 (=p150)	B28096	1	0.01%	3	0.02%
403	esterase D	AF112219	1	0.01%	3	0.02%
404	inositol 1,4,5-triphosphate receptor, type 2 (ITPR2)	NM_002223.1	1	0.01%	3	0.02%
405	SPHAR gene for cyclin-related protein	X82554.1	1	0.01%	3	0.02%
406	mitochondrial 16S rRNA	Z70759	1	0.01%	3	0.02%
407	murine leukemia viral (bmi-1) oncogene homolog (BMI1)	NM_005180.1	1	0.01%	3	0.02%
408	S1R protein (S1R) (=CGI-119)	AF113127.1	1	0.01%	3	0.02%
409	basic helix-loop-helix domain containing, class B, 2 (BHLHB2), mRNA	Hs.171825	1	0.01%	3	0.02%
410	predicted osteoblast protein (GS3786), mRNA	NM_014888.1	1	0.01%	3	0.02%
411	frizzled (Drosophila) homolog 1 (FZD1)	NM_003505.1	1	0.01%	3	0.02%
412	Diff33 protein homolog	AF164794.1	1	0.01%	3	0.02%
413	KIAA0244 gene	D87685	1	0.01%	3	0.02%

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414	PRO2751	AF119896.1	1	0.01%	3	0.02%
415	protein x 0001	AF117230	1	0.01%	3	0.02%
416	dihydrofolate reductase (DHFR)	NM_000791.2	1	0.01%	3	0.02%
417	sorting nexin 3 (SNX3)	AF034546	1	0.01%	3	0.02%
418	two-handed zinc finger protein ZEB	U19969	1	0.01%	3	0.02%
419	beta-COP	X82103	1	0.01%	3	0.02%
420	RAD23 (S. cerevisiae) homolog B (RAD23B)	NM_002874.1	1	0.01%	3	0.02%
421	oligodendrocyte myelin glycoprotein (OMG)	L05367	1	0.01%	3	0.02%
422	KIAA1073	AB028996.1	1	0.01%	3	0.02%
423	PTD011	AF078864	1	0.01%	3	0.02%
424	Arginine-rich protein (ARP)	NM_006010.1	1	0.01%	3	0.02%
425	cyclin G2	U47414	1	0.01%	3	0.02%
426	Hmob33 protein	Y14155.1	1	0.01%	3	0.02%
427	HSPC039 protein	AF125100.1	1	0.01%	3	0.02%
428	Nuclear antigen Sp100 (SP100)	NM_003113.1	1	0.01%	3	0.02%
429	cytochrome-c oxidase subunit VIIaL precursor (COX7AL)	AF134406.1	1	0.01%	3	0.02%
430	metalloproteinase inhibitor TIMP-2	AF127803.1	1	0.01%	3	0.02%
431	DNAJ domain-containing protein MCJ (MCJ)	AF126743.1	1	0.01%	3	0.02%
432	steroid dehydrogenase homolog	AF078850.1	1	0.01%	3	0.02%
433	KIAA0829	AB020636	1	0.01%	3	0.02%
434	tubulin beta	AF070561	6	0.05%	2	0.01%
435	ARP2/3 protein complex subunit p21 (ARC21=AF006086 (ORF)	NM_005719.1	6	0.05%	2	0.01%
436	NS1-binding protein (NS1-BP) (=AB020657 KIAA0850)	AJ012449	6	0.05%	2	0.01%
437	syndecan binding protein (syntenin) (SDCBP)(ORF) = AF000652.1	NM_005625.1	5	0.04%	2	0.01%
438	proline-rich protein with nuclear targeting signal (B4-2)	NM_006813.1	5	0.04%	2	0.01%
439	Nck-associated protein 1 (Nap1) (=AB011159 KIAA0587)	AB014509.1	5	0.04%	2	0.01%
440	CD63 antigen (melanoma 1 antigen) (CD63)	NM_001780.1	4	0.03%	2	0.01%
441	zinc finger protein 216 (ZNF216)	AF062072.1	4	0.03%	2	0.01%
442	sin3 associated polypeptide (SAP18)	AF153608	4	0.03%	2	0.01%
443	sema domain immunoglobulin domain (Ig)(semaphorin) 3E (SEMA3E)	NM_012431.1	4	0.03%	2	0.01%
444	HepG2	D17039	4	0.03%	2	0.01%
445	RGC32 protein (RGC32)	NM_014059.1	4	0.03%	2	0.01%
446	UDP-glucose pyrophosphorylase 2 (ORF)	NM_006759.1	4	0.03%	2	0.01%
447	HSPC238	AF151072.1	4	0.03%	2	0.01%
448	polyposis locus (DP1 gene)	M73547	4	0.03%	2	0.01%
449	proteasome (prosome, maCRopain) subunit, beta type, 1 (PSMB1)	NM_002793.1	4	0.03%	2	0.01%
450	cytoskeletal gamma-actin	X04098	3	0.02%	2	0.01%
451	elongation factor 1 beta 2 (EEF1B2)	NM_001959.1	3	0.02%	2	0.01%
452	NADH dehydrogenase(ubiquinone) Fe-S protein 5 (15kD) (NADH-coen	NM_004552.1	3	0.02%	2	0.01%
453	hairy (Drosophila)-homolog (HRY)	NM_005524.2	3	0.02%	2	0.01%
454	HSPC035 protein (LOC51669), NPD003	NM_016127.1	3	0.02%	2	0.01%
455	KIAA0970	AB023187.1	3	0.02%	2	0.01%
456	KIAA0332	AB002330	3	0.02%	2	0.01%
457	PTD010	AF078863.1	3	0.02%	2	0.01%
458	glyoxalase-I (GLO1)	AF146651.1	3	0.02%	2	0.01%
459	ras-related GTP-binding protein	AF106681.1	3	0.02%	2	0.01%
460	non-histone chromosomal protein (HMG-1)	L08048.1	3	0.02%	2	0.01%
461	SON DNA binding protein (SON)	X63753	3	0.02%	2	0.01%
462	N-terminal acetyltransferase complex ard1 subunit	AF085355.1	3	0.02%	2	0.01%
463	CMP-N-acetylneuraminic acid hydroxylase	AF074480.1	3	0.02%	2	0.01%
464	KIAA1250	AB033076.1	3	0.02%	2	0.01%
465	5-aminoimidazole-4-carboxamide ribonucleotide	NM_004044.1	3	0.02%	2	0.01%

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466	adenylyl cyclase-associated protein (CAP)	L12168	3	0.02%	2	0.01%
467	enterocyte differentiation associated factor EDAF-1	U62136.2	3	0.02%	2	0.01%
468	E6-AP ubiquitin-protein ligase (UBE3A)	AF009341.1	3	0.02%	2	0.01%
469	AKAP450 protein	AJ131693.1	3	0.02%	2	0.01%
470	protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1) (OF	NM_005389.1	3	0.02%	2	0.01%
471	ribosomal protein, large P2 (RPLP2)	NM_001004.1	2	0.02%	2	0.01%
472	metallothionein-le (hMT-le)	M10942	2	0.02%	2	0.01%
473	thymosin beta-10	S54005	2	0.02%	2	0.01%
474	ubiquitin-conjugating enzyme E2B (RAD6 homolog) (UBE2B)	NM_003337.1	2	0.02%	2	0.01%
475	SMT3 (suppressor of mif two 3, yeast) homolog 2 (SMT3H2)	NM_006937.1	2	0.02%	2	0.01%
476	AD-017 protein	AF157318.1	2	0.02%	2	0.01%
477	KIAA0164	D79986	2	0.02%	2	0.01%
478	KIAA1077	AB029000.1	2	0.02%	2	0.01%
479	trichorhinophalangeal syndrome I gene (TRPS1)	NM_014112.1	2	0.02%	2	0.01%
480	TATA box binding protein (TBP)-associated factor, RNA polymerase II,	NM_005642.1	2	0.02%	2	0.01%
481	SWI/SNF related, matrix associated (SMARCA1)	gi4507066	2	0.02%	2	0.01%
482	karyopherin alpha 4 (=importin alpha 3) (KPNA4)	NM_002268.1	2	0.02%	2	0.01%
483	apoptosis related protein APR-1	AF143235.2	2	0.02%	2	0.01%
484	sorting nexin 6 (SNX6)	AF121856.1	2	0.02%	2	0.01%
485	progesterone binding protein (HPR6.6)	gi5729874	2	0.02%	2	0.01%
486	proteasome subunit HC9	D00763	2	0.02%	2	0.01%
487	dermatopontin	Z22865	2	0.02%	2	0.01%
488	KIAA0766	AB018309.1	2	0.02%	2	0.01%
489	Id-2H	D13891	2	0.02%	2	0.01%
490	CGI-07 protein	AF132941.1	2	0.02%	2	0.01%
491	DNA polymerase zeta catalytic subunit (REV3)	AF157476.1	2	0.02%	2	0.01%
492	KIAA0382	AB002380	2	0.02%	2	0.01%
493	KIAA1053	AB028976.1	2	0.02%	2	0.01%
494	NY-REN-45 antigen (LOC51133)	NM_016121.1	2	0.02%	2	0.01%
495	splicing factor (CC1.4)	L10911.1	2	0.02%	2	0.01%
496	t-complex polypeptide 1	X52882	2	0.02%	2	0.01%
497	restin (Reed-Steinberg cell-expressed intermediate filament-associated	NM_002956.1	2	0.02%	2	0.01%
498	mannose 6-phosphate receptor, 46 kD (MPR46)	X56257	2	0.02%	2	0.01%
499	replication protein A3 (14kD) (RPA3)	NM_002947.1	2	0.02%	2	0.01%
500	anaphase promoting complex subunit 10	AF132794.1	2	0.02%	2	0.01%
501	KIAA0729	AB018272.1	2	0.02%	2	0.01%
502	lysophospholipase I (LYPLA1)	NM_006330.1	2	0.02%	2	0.01%
503	cofilin isoform 1	AF134802	2	0.02%	2	0.01%
504	HSPC213 (=HSPC327)	AAF36133.1	2	0.02%	2	0.01%
505	sperm antigen-36	AF187554.1	2	0.02%	2	0.01%
506	epb72	X85117	2	0.02%	2	0.01%
507	ribosomal protein L27A	AB020236.1	1	0.01%	2	0.01%
508	ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52)	gi4507760	1	0.01%	2	0.01%
509	enolase 1 (alpha) (ENO1)	NM_001428.1	1	0.01%	2	0.01%
510	dolichyl-phosphate beta-glucosyltransferase (ALG5)	AF102850.1	1	0.01%	2	0.01%
511	glutamine synthetase	S70290	1	0.01%	2	0.01%
512	syntaxin 4 binding protein UNC-18c (UNC-18c)	AF032922.1	1	0.01%	2	0.01%
513	lactate dehydrogenase B (LDH-B)	Y00711	1	0.01%	2	0.01%
514	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (F	NM_002715.1	1	0.01%	2	0.01%
515	cellular growth-regulating protein	L10844	1	0.01%	2	0.01%
516	ornithine aminotransferase	M29927	1	0.01%	2	0.01%
517	ORF2 contains a reverse transcriptase domain	AAA51622.1	1	0.01%	2	0.01%



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518	ORF2 contains a reverse transcriptase domain	AAB59368.1	1	0.01%	2	0.01%
519	transforming, acidic coiled-coil containing protein 1 (TACC1=AF049910)	NM_006283.1	1	0.01%	2	0.01%
520	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor	NM_006854.2	1	0.01%	2	0.01%
521	poly(rC)-binding protein 1 (PCBP1)	NM_006196.1	1	0.01%	2	0.01%
522	Ia-associated invariant gamma-chain gene	M13560	1	0.01%	2	0.01%
523	uncharacterized bone marrow protein BM034 (=AK000571 FLJ20564)	AF217511.1	1	0.01%	2	0.01%
524	zinc finger protein SLUG (SLUG) gene	AF084243.1	1	0.01%	2	0.01%
525	basic transcription factor 2 p44 (btf2p44) gene, partial cds, neuronal	U80017.1	1	0.01%	2	0.01%
526	homeobox protein CDX4 (CDX4) gene	AF003530.1	1	0.01%	2	0.01%
527	KIAA0530	AB011102	1	0.01%	2	0.01%
528	ribosomal protein L33-like protein	AF047440	1	0.01%	2	0.01%
529	SOX4	AF124147.1	1	0.01%	2	0.01%
530	growth arrest specific transcript 5 gene	AF141346.1	1	0.01%	2	0.01%
531	protein phosphatase 1 catalytic subunit, beta isoform (PPP1CB)	NM_002709.1	1	0.01%	2	0.01%
532	glutaminase C	AF158555.1	1	0.01%	2	0.01%
533	DNA-binding protein A gene	L29073.1	1	0.01%	2	0.01%
534	YME1 (S.cerevisiae)-like 1 (YME1L1), = AJ132637.1 ATP-dependent m	NM_014263.1	1	0.01%	2	0.01%
535	LIM and SH3 protein 1 (LASP1) (=X82456 MLN50)	gi5453709	1	0.01%	2	0.01%
536	high mobility group 2 protein (HMG-2)	M83665	1	0.01%	2	0.01%
537	eukaryotic translation initiation factor 3, subunit 10 (theta, 150/170kD)	gi4503508	1	0.01%	2	0.01%
538	protein kinase C inhibitor-I	U27143	1	0.01%	2	0.01%
539	diphosphoinositol polyphosphate phosphohydrolase type 2 (NUDT4)	AF191654.2	1	0.01%	2	0.01%
540	copine III (CPNE3) (=AB014536 KIAA0636)	gi4503014	1	0.01%	2	0.01%
541	KIAA0077 gene	D38521.1	1	0.01%	2	0.01%
542	KIAA0680 gene product (KIAA0680)	NM_014721.1	1	0.01%	2	0.01%
543	KIAA1013	AB023230.1	1	0.01%	2	0.01%
544	sequestered protein of unknown function (SPUF)	AF173937.1	1	0.01%	2	0.01%
545	CYTOCHROME C OXIDASE POLYPEPTIDE III	P00414	1	0.01%	2	0.01%
546	farnesyl-protein transferase alpha-subunit	L00634	1	0.01%	2	0.01%
547	sequestosome 1 (SQSTM1) (=U46751.1 phosphotyrosine independent	NM_003900.1	1	0.01%	2	0.01%
548	Splicing factor proline/glutamine rich (polypyrimidine tract-binding prote	NM_005066.1	1	0.01%	2	0.01%
549	activin A receptor, type I (ACVR1) =Z22534 ALK-2	NM_001105.1	1	0.01%	2	0.01%
550	M-phase phosphoprotein homologue	AF100742.1	1	0.01%	2	0.01%
551	KIAA0336 gene	NM_014635.1	1	0.01%	2	0.01%
552	CGI-130 protein	AF151888.1	1	0.01%	2	0.01%
553	KIAA1058 protein	AB028981.1	1	0.01%	2	0.01%
554	LIV-1 protein, estrogen regulated (LIV-1) (=U41060)	7106340	1	0.01%	2	0.01%
555	Rosenthal fiber protein (alpha-B-Crystallin)	M24906	1	0.01%	2	0.01%
556	BPTF mRNA for bromodomain PHD finger transcription factor	AB032251.1	1	0.01%	2	0.01%
557	alpha subunit of GsGTP binding protein (GSA)	X56009	1	0.01%	2	0.01%
558	proteasome (prosome, macropain) subunit, beta type, 3 (PSMB3)	NM_002795.1	1	0.01%	2	0.01%
559	heterogeneous nuclear protein similar to rat helix destabilizing protein (	NM_005758.1	1	0.01%	2	0.01%
560	Golgi vesicular membrane trafficking protein p18 (BET1)	gi5031610	1	0.01%	2	0.01%
561	fukutin	AB038490.1	1	0.01%	2	0.01%
562	KIAA0276	D87466	1	0.01%	2	0.01%
563	promyelocytic leukemia cell	M11948	1	0.01%	2	0.01%
564	phosphoglucosyltransferase 1 (PGM1)	M83088	1	0.01%	2	0.01%
565	nucleotide binding protein, estradiol-induced (E2IG3)	NM_014366.1	1	0.01%	2	0.01%
566	Lysyl tRNA Synthetase	D32053.1	1	0.01%	2	0.01%
567	TPRC (=X97124 papillary renal cell carcinoma (translocation-associate	X99720	1	0.01%	2	0.01%
568	nuclear matrix protein 55	U89867.1	1	0.01%	2	0.01%
569	RNA binding motif protein 3 (RBM3) (=U28686)	5803136	1	0.01%	2	0.01%

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570	CGI-34 protein	AF132968.1	1	0.01%	2	0.01%
571	mitogen-activated protein kinase 3 (MAP4K3)	4506376	1	0.01%	2	0.01%
572	calcium channel alpha1E subunit (CACNA1E) gene	AF223391.1	1	0.01%	2	0.01%
573	brain cellular apoptosis susceptibility protein (CSE1)	AF053641	1	0.01%	2	0.01%
574	vacuolar ATPase isoform VA68	AF113129.1	1	0.01%	2	0.01%
575	septin 2-like cell division control protein	AF146760.1	1	0.01%	2	0.01%
576	KIAA1265	AB033091	1	0.01%	2	0.01%
577	guanylate binding protein isoform II (GBP-2)	M55543	1	0.01%	2	0.01%
578	RING zinc finger protein (RZF)	AF037204	1	0.01%	2	0.01%
579	L-isoaspartyl/D-aspartyl protein carboxyl methyltransferase isozyme I	M93009	1	0.01%	2	0.01%
580	cytochrome succinate dehydrogenase, small subunit	AB026906.1	1	0.01%	2	0.01%
581	interleukin 13 receptor alpha 1 (IL13RA1)	NM_001560.1	1	0.01%	2	0.01%
582	15 kDa selenoprotein (SEP15), mRNA /cds=(4,492) /gb=NM_004261 /	Hs.90606	1	0.01%	2	0.01%
583	HSPC019	AF077205.1	1	0.01%	2	0.01%
584	KIAA0783	AB018326.1	1	0.01%	2	0.01%
585	NDPP-1 protein	D10727.1	1	0.01%	2	0.01%
586	Sid3177	AB024935.1	1	0.01%	2	0.01%
587	SON DNA binding protein isoform E (SON) mRNA, complete cds, alter	Hs.92909	1	0.01%	2	0.01%
588	split hand/foot deleted gene 1	NP_033195.1	1	0.01%	2	0.01%
589	MKP-1 like protein tyrosine phosphatase	AF038844	1	0.01%	2	0.01%
590	Gem GTPase (gem)	U10550	1	0.01%	2	0.01%
591	plasma cell membrane glycoprotein (PC-1)	M57736.1	1	0.01%	2	0.01%
592	acyl-CoA synthetase 4 (ACS4)	AF030555	1	0.01%	2	0.01%
593	NADH-ubiquinone oxidoreductase MNLL subunit	AF050638.1	1	0.01%	2	0.01%
594	leucine-rich repeat (LRR) protein (P37NB) 37 kDa	NM_005824.1	1	0.01%	2	0.01%
595	beta-migrating plasminogen activator inhibitor I	M14083	1	0.01%	2	0.01%
596	proteasome subunit X (=X95586 MB1)	D29011	1	0.01%	2	0.01%
597	FUSE binding protein 3 (FBP3)	U69127.1	1	0.01%	2	0.01%
598	transcriptional activation factor TAFII32 (=AF151895 CGI-137 protein)	U21858	1	0.01%	2	0.01%
599	CGI-114 protein (=DKFZp566E144)	AF151872.1	1	0.01%	2	0.01%
600	CGI-123 protein	AF151881.1	1	0.01%	2	0.01%
601	CGI-24 protein	AF132958.1	1	0.01%	2	0.01%
602	nuclear pore complex protein hnup153	Z25535	1	0.01%	2	0.01%
603	ras-related YPT1 protein (ORF)	P11476	1	0.01%	2	0.01%
604	Opa-interacting protein OIP2	AF025438	1	0.01%	2	0.01%
605	cartilage link protein (CRTL1)	U43328.1	31	0.25%	1	0.01%
606	fatty acid binding protein (adipocyte lipid-binding protein)	NM_001442.1	18	0.14%	1	0.01%
607	hemoglobin beta chain (HBB)	AF117710	16	0.13%	1	0.01%
608	fatty acid binding protein 4, adipocyte (FABP4), mRNA /cds=(47,445) /	Hs.83213	15	0.12%	1	0.01%
609	ubiquitin-like 1 (sentrin) (UBL1) (=SUMO-1)	NM_003352.1	9	0.07%	1	0.01%
610	phenylalkylamine binding protein gene	AF196969.1	7	0.06%	1	0.01%
611	signal recognition particle 14kD (homologous A1u RNA-binding protein)	NM_003134.1	6	0.05%	1	0.01%
612	KVLQT1 gene (=p150)	AJ006345.1	6	0.05%	1	0.01%
613	alpha-2-macroglobulin	D83196	6	0.05%	1	0.01%
614	metallothionein 1L (MT1L)	NM_002450.1	5	0.04%	1	0.01%
615	thrombospondin 1 (THBS1)	NM_003246.1	5	0.04%	1	0.01%
616	Kallmann syndrome 1 (KAL1) (=ADMLX=putative adhesion molecule)	NM_000216.1	5	0.04%	1	0.01%
617	YAP65	X80507.1	4	0.03%	1	0.01%
618	protein phosphatase 2A catalytic subunit-beta	M60484	4	0.03%	1	0.01%
619	KIAA0191 (zinc finger homolog)	D83776	4	0.03%	1	0.01%
620	protein immuno-reactive with anti-PTH polyclonal antibodies	U28831.1	4	0.03%	1	0.01%
621	ATP SYNTHASE GAMMA CHAIN, MITOCHONDRIAL PRECURSOR	spP36542	4	0.03%	1	0.01%

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622	catalase	X04076	4	0.03%	1	0.01%
623	HSPC067	AF161552_1	4	0.03%	1	0.01%
624	ribosomal RNA 16S gene	AF036006.1	4	0.03%	1	0.01%
625	ribosomal protein L8	Z28407	3	0.02%	1	0.01%
626	peripheral myelin protein 22	M94048	3	0.02%	1	0.01%
627	dioxin-inducible cytochrome P450 (CYP1B1)	U03688.1	3	0.02%	1	0.01%
628	MAGUK protein p55T (=AB002323 KIAA0325)	AF162130.1	3	0.02%	1	0.01%
629	PPP1R5	AF110824.1	3	0.02%	1	0.01%
630	splicing factor SRp40-1 (SRp40)	U30826.1	3	0.02%	1	0.01%
631	splicing factor, arginine/serine-rich 5 (RefSeq aa 1e-54)	NP_008856.1	3	0.02%	1	0.01%
632	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1	spP03886	3	0.02%	1	0.01%
633	HSPC307	AF161425.1	3	0.02%	1	0.01%
634	immunoglobulin light chain	D87000	3	0.02%	1	0.01%
635	lysosomal-associated membrane glycoprotein-1 (LAMP1) (=J04182)	L08582	3	0.02%	1	0.01%
636	cornichon protein	AF070654.1	3	0.02%	1	0.01%
637	okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP)	AF084555.1	3	0.02%	1	0.01%
638	SH3 domain-containing protein SH3P18	U61167	3	0.02%	1	0.01%
639	KIAA1025	AB028948.1	3	0.02%	1	0.01%
640	LGMD2B	AJ007973	3	0.02%	1	0.01%
641	CAR (RFP2)	AF279660	3	0.02%	1	0.01%
642	NADH dehydrogenase(ubiquinone) 1 beta subcomplex, 3 (12kD, B12)	NM_002491.1	3	0.02%	1	0.01%
643	KIAA0579	AB011151.1	3	0.02%	1	0.01%
644	KIAA0977	AB023194.1	3	0.02%	1	0.01%
645	KIAA0573	AB011145	3	0.02%	1	0.01%
646	polyadenylate binding protein-interacting protein 1 (PAIP1)	NM_006451.1	3	0.02%	1	0.01%
647	Translocon associated protein gamma subunit	spQ9UNL2	3	0.02%	1	0.01%
648	secreted frizzled-related protein 4 (SFRP4)	NM_003014.2	3	0.02%	1	0.01%
649	phosphatase 1, catalytic subunit, gamma isoform (PPP1CC) mRNA	NM_002710.1	3	0.02%	1	0.01%
650	ring finger protein (C3H2C3 type) 6 (RNF6)	NM_005977.1	3	0.02%	1	0.01%
651	putative transmembrane protein E3-16	AF092128.1	3	0.02%	1	0.01%
652	epithelial protein lost in neoplasm beta (EPLIN)	NM_016357.1	3	0.02%	1	0.01%
653	laminin receptor 1 (67kD, ribosomal protein SA) (LAMR1)(ORF)	NM_002295.1	2	0.02%	1	0.01%
654	t-complex-associated-testis-expressed 1-like 1 (TCTEL1)	NM_006519.1	2	0.02%	1	0.01%
655	collagen type XIV variant C-terminal NC1 and 3'UTR	Y11711	2	0.02%	1	0.01%
656	reverse transcriptase related protein	prf1207289A	2	0.02%	1	0.01%
657	JKTBP2, JKTBP1, complete cds	AB017018.1	2	0.02%	1	0.01%
658	latent transforming growth factor beta binding protein 1 (LTBP1)	NM_000627.1	2	0.02%	1	0.01%
659	laminin B2 chain	M55210	2	0.02%	1	0.01%
660	HSPC025 (HSPC025)	NM_016091.1	2	0.02%	1	0.01%
661	insulin-like growth factor I	X57025	2	0.02%	1	0.01%
662	clathrin, light polypeptide (Lca) (CLTA)	NM_007096.1	2	0.02%	1	0.01%
663	IDN3	AB019494.1	2	0.02%	1	0.01%
664	KIAA0069 gene	D31885.1	2	0.02%	1	0.01%
665	immunoglobulin lambda gene	D87003.1	2	0.02%	1	0.01%
666	KIAA0038 gene	D26068.1	2	0.02%	1	0.01%
667	disabled 2 p93 (DAB2) (mitogen-responsive phosphoprotein) (DAB2)	AF188298.1	2	0.02%	1	0.01%
668	CD36 antigen	L06850.1	2	0.02%	1	0.01%
669	guanine nucleotide binding protein 11 (GNG11) = U31384.1	NM_004126.1	2	0.02%	1	0.01%
670	KIAA0436	AB007896	2	0.02%	1	0.01%
671	conserved gene amplified in osteosarcoma (OS4)	NM_005730.1	2	0.02%	1	0.01%
672	mitochondrial coxII	X55654.1	2	0.02%	1	0.01%
673	cytochrome C oxidase II subunit (ORF)	X55654	2	0.02%	1	0.01%

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674	NADH-ubiquinone oxidoreductase subunit CI-B14	AF047182	2	0.02%	1	0.01%
675	mouse tropomyosin homolog (HSPC001) =AF047439(ORF)	NM_004872.1	2	0.02%	1	0.01%
676	heterogeneous nuclear ribonucleoprotein R (ORF)	AF000364	2	0.02%	1	0.01%
677	destrin (actin depolymerizing factor) (ADF)	5802965	2	0.02%	1	0.01%
678	KIAA0127	NM_014755.1	2	0.02%	1	0.01%
679	KIAA0577	AB011149	2	0.02%	1	0.01%
680	PTH-responsive osteosarcoma D1 protein	AAD25980.1	2	0.02%	1	0.01%
681	Polyadenylate binding protein	U75686.1	2	0.02%	1	0.01%
682	lymphocyte activation-associated protein	AF123320.1	2	0.02%	1	0.01%
683	calcineurin A2	M29551	2	0.02%	1	0.01%
684	KIAA0610	AB011182	2	0.02%	1	0.01%
685	SRY (sex-determining region Y)-box 5 (SOX5)	NM_006940.1	2	0.02%	1	0.01%
686	glucan (1,4-alpha-), branching enzyme 1(ORF)(glycogen branching en	NM_000158.1	2	0.02%	1	0.01%
687	p58/GTA (galactosyltransferase associated protein kinase)	M37712.1	2	0.02%	1	0.01%
688	mesenchyme homeo box 2 (growth arrest-specific homeo box) (MEOX	NM_005924.1	2	0.02%	1	0.01%
689	proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2)	NM_002787.1	2	0.02%	1	0.01%
690	G protein-coupled receptor 64 (GPR64)	NM_005756.1	2	0.02%	1	0.01%
691	germline T-cell receptor beta chain	U66061	2	0.02%	1	0.01%
692	SH3 domain binding glutamic acid-rich protein like (SH3BGRL)	NM_003022.1	2	0.02%	1	0.01%
693	KIAA0256	D87445	2	0.02%	1	0.01%
694	KIAA1102	AB029025.1	2	0.02%	1	0.01%
695	KIAA1380 protein	AB037801.1	2	0.02%	1	0.01%
696	angiopoietin-like 1 (ANGPTL1)	NM_004673.1	2	0.02%	1	0.01%
697	uncharacterized hypothalamus protein HARP11 (HARP11)	NM_018477.1	2	0.02%	1	0.01%
698	multiple PDZ domain protein (MPDZ) = AF093419.1	NM_003829.1	2	0.02%	1	0.01%
699	proto-oncogene tyrosine-protein kinase (ABL) gene	U07563.1	2	0.02%	1	0.01%
700	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1 (YES1)	NM_005433.1	2	0.02%	1	0.01%
701	inactive progesterone receptor, 23 kD (P23) = L24804.1= Q15185 (orf	NM_006601.1	2	0.02%	1	0.01%
702	histone acetyltransferase 1	AF030424	2	0.02%	1	0.01%
703	small acidic protein (IMAGE145052)	NM_014267.1	2	0.02%	1	0.01%
704	CGI-99 protein = homeobox prox 1= AF100755.1(ORF)	AF151857	2	0.02%	1	0.01%
705	mSin3A (sin3A)	U22394	2	0.02%	1	0.01%
706	CG3450 gene product [Drosophila melanogaster](86% ORF)	AAF57398.1	2	0.02%	1	0.01%
707	ENDOPLASMIN PRECURSOR (94 KD GLUCOSE-REGULATED PRO	spP14625	2	0.02%	1	0.01%
708	gene hY3 encoding a cytoplasmic Ro RNA	V00585.1	2	0.02%	1	0.01%
709	HSPC004	AF070660	2	0.02%	1	0.01%
710	HSPC161	AF161510	2	0.02%	1	0.01%
711	KIAA0205	D86960	2	0.02%	1	0.01%
712	KIAA0238	D87075	2	0.02%	1	0.01%
713	KIAA0716	AB018259.1	2	0.02%	1	0.01%
714	SUMO-1 activating enzyme subunit 2 (UBA2)	NM_005499.1	2	0.02%	1	0.01%
715	TEB4 protein (=AB011169 KIAA0597)	AF009301	2	0.02%	1	0.01%
716	XIST	X56196	2	0.02%	1	0.01%
717	nCL1 gene	X85032.1	2	0.02%	1	0.01%
718	small nuclear ribonucleoprotein D1 polypeptide (16kD) (SNRPD1)	NM_006938.1	2	0.02%	1	0.01%
719	ALEX1 protein (LOC51309)	NM_016608.1	2	0.02%	1	0.01%
720	MHC class II lymphocyte antigen beta-chain (HLA-DPB1)	M28202.1	2	0.02%	1	0.01%
721	cAMP-dependent protein kinase subunit RII-beta	M31158	2	0.02%	1	0.01%
722	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue speci	NM_002734.1	2	0.02%	1	0.01%
723	rab11a GTPase	AF000231	2	0.02%	1	0.01%
724	rab3 GTPase-activating protein, non-catalytic subunit (150kD) (RAB3-C	NM_012414.1	2	0.02%	1	0.01%
725	Ca2-activated neutral protease large subunit (CANP)	M23254.1	2	0.02%	1	0.01%

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726	histone H2A.Z= M37583	X52317	2	0.02%	1	0.01%
727	inhibitor of apoptosis protein 2	U45879	2	0.02%	1	0.01%
728	KIAA0594	AB011166	2	0.02%	1	0.01%
729	ring finger protein 13 (RNF13), mRNA /cds=(151,1296) /gb=NM_00726	Hs.6900	2	0.02%	1	0.01%
730	ribosomal protein S18	X69150.1	1	0.01%	1	0.01%
731	ribosomal protein S5 (RPS5)	NM_001009.1	1	0.01%	1	0.01%
732	metallothionein-II (mt-II)	J00271	1	0.01%	1	0.01%
733	v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS)	NM_005252.2	1	0.01%	1	0.01%
734	deiodinase, iodothyronine, type II (DIO2), transCRipt variant 1	gi7549802	1	0.01%	1	0.01%
735	insulin-like growth factor binding protein 5 (IGFBP5) gene	L27556.1	1	0.01%	1	0.01%
736	enhancer-of-split and hairy-related protein 1 (SHARP-1)	AF009329.1	1	0.01%	1	0.01%
737	colon carcinoma laminin-binding protein (=RIBOSOMAL PROTEIN SA	J03799.1	1	0.01%	1	0.01%
738	transmembrane protein (p63)	X69910	1	0.01%	1	0.01%
739	peroxiredoxin 1 (PRDX1) (=NKEFA)	NM_002574.1	1	0.01%	1	0.01%
740	RIBOSOMAL PROTEIN SA (P40)	spP08865	1	0.01%	1	0.01%
741	WSB-1 isoform	AF106684.1	1	0.01%	1	0.01%
742	high-mobility group (nonhistone chromosomal) protein 17 (HMG17)	NM_005517.1	1	0.01%	1	0.01%
743	prostatic binding protein (PBP)	NM_002567.1	1	0.01%	1	0.01%
744	complement component 1, s subcomponent (C1S)	NM_001734.1	1	0.01%	1	0.01%
745	dual specificity phosphatase 1 (DUSP1)	NM_004417.2	1	0.01%	1	0.01%
746	KIAA0143 gene	D63477.1	1	0.01%	1	0.01%
747	non-metastatic cells 2, protein (NM23B) expressed in (NME2)	NM_002512.1	1	0.01%	1	0.01%
748	high density lipoprotein binding protein (HBP)	M64098	1	0.01%	1	0.01%
749	cathepsin L (CTSL)	NM_001912.1	1	0.01%	1	0.01%
750	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1 (7kD, MNLL	NM_004545.1	1	0.01%	1	0.01%
751	cyclophilin-related protein (NKTR) gene (=PAC RPC14-613B23)	AF184110.1	1	0.01%	1	0.01%
752	U50HG genes for U50' snoRNA and U50 snoRNA, complete sequence	AB017710	1	0.01%	1	0.01%
753	RAD21 (S. pombe) homolog (RAD21) (=X98294)	gi5453993	1	0.01%	1	0.01%
754	myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) hor	NM_005935.1	1	0.01%	1	0.01%
755	chaperonin containing TCP1 subunit 4 (delta) (CCT4)	NM_006430.1	1	0.01%	1	0.01%
756	Membrane cofactor protein	X59408.1	1	0.01%	1	0.01%
757	KIAA0349 gene	AB002347.1	1	0.01%	1	0.01%
758	p130 (130K protein)	X76061.1	1	0.01%	1	0.01%
759	ORF2 [Canis familiaris](60%)	AB012223	1	0.01%	1	0.01%
760	karyopherin (importin) beta 1 (KPNB1) (=L38951 importin beta subunit)	gi4504904	1	0.01%	1	0.01%
761	signal peptidase complex (18kD) (SPC18)	NM_014300.1	1	0.01%	1	0.01%
762	hexosaminidase B (beta polypeptide) (HEXB)(ORF)	NM_000521.1	1	0.01%	1	0.01%
763	four and a half LIM domains 1 (FHL1)	NM_001449.1	1	0.01%	1	0.01%
764	fibroblast growth factor 2 (basic)(FGF2)	NM_002006.1	1	0.01%	1	0.01%
765	NADH dehydrogenase(ubiquinone) 1, alpha/beta subcomplex, 1 (8kD,	NM_005003.1	1	0.01%	1	0.01%
766	5T4 oncofetal trophoblast glycoprotein (5T4)	NM_006670.1	1	0.01%	1	0.01%
767	Autosomal Highly Conserved Protein (AHCP) (=DKFZp586G051)	NM_016255.1	1	0.01%	1	0.01%
768	KIAA0853	AB020660.1	1	0.01%	1	0.01%
769	meningioma-expressed antigen 5 (MEA5) (=KIAA0679)	AF036145	1	0.01%	1	0.01%
770	PTEN (PTEN) gene	AF143312.1	1	0.01%	1	0.01%
771	prolylcarboxypeptidase (angiotensinase C) (PRCP)	NM_005040.1	1	0.01%	1	0.01%
772	GLI-Kruppel family member GLI3 (Greig cephalopolysyndactyly syndro	gi4504014	1	0.01%	1	0.01%
773	zinc finger protein 84 (HPF2) (ZNF84)	NM_003428.1	1	0.01%	1	0.01%
774	RNA polymerase II subunit hsRPB7	U20659.1	1	0.01%	1	0.01%
775	tubulin-specific chaperone a (TBCA) (=AF038952 cofactor A protein)	gi4759211	1	0.01%	1	0.01%
776	polycystic kidney disease 2 (autosomal dominant)	NM_000297.1	1	0.01%	1	0.01%
777	oxysterol-binding protein	AB017026	1	0.01%	1	0.01%

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778	ubiquinol-cytochrome c reductase core protein II (UQCRC2)(ORF) = J	NM_003366.1	1	0.01%	1	0.01%
779	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L	spP03901	1	0.01%	1	0.01%
780	thioredoxin peroxidase (antioxidant enzyme) (AOE372) =U25182(ORF)	NM_006406.1	1	0.01%	1	0.01%
781	cytoskeletal tropomyosin TM30(nm)	X04588.1	1	0.01%	1	0.01%
782	ring finger protein 4 (RNF4)	gi4506560	1	0.01%	1	0.01%
783	TSE1=protein kinase A regulatory subunit	S54711	1	0.01%	1	0.01%
784	SUMO-1-specific protease (KIAA0797)	NM_015571.1	1	0.01%	1	0.01%
785	myosin-binding protein C, cardiac (MYBPC3)	NM_000256.1	1	0.01%	1	0.01%
786	ATP synthase, H transporting, mitochondrial F0 complex, subunit f, iso	NM_004889.1	1	0.01%	1	0.01%
787	hect domain and RLD 2(HERC2) (=KIAA0393)	NM_004667.2	1	0.01%	1	0.01%
788	integrin cytoplasmic domain associated protein (Icap-1a)	AF012023	1	0.01%	1	0.01%
789	BUP	AF078848.1	1	0.01%	1	0.01%
790	KIAA0235	D87078	1	0.01%	1	0.01%
791	PDNP1 gene (nucleotide pyrophosphatase)	AF110304.1	1	0.01%	1	0.01%
792	phosphoribosyl pyrophosphate synthetase subunit I	D00860.1	1	0.01%	1	0.01%
793	wbsCR1 (WBSCR1)	AF045555.1	1	0.01%	1	0.01%
794	proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3)	NM_002788.1	1	0.01%	1	0.01%
795	CLP (CLPP)	L54057.1	1	0.01%	1	0.01%
796	Tax1 (human T-cell leukemia virus type I) binding protein 1 (TAX1BP1)	NM_006024.2	1	0.01%	1	0.01%
797	platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (PA	4557740	1	0.01%	1	0.01%
798	transferrin receptor (TFRC) gene	AF187320	1	0.01%	1	0.01%
799	CGI-127 protein	AF151885.1	1	0.01%	1	0.01%
800	microvascular endothelial differentiation gene 1 product	AB026908.1	1	0.01%	1	0.01%
801	vanilloid receptor; CARKL and CTNS; TIP1; P2X5b and P2X5a	AF168787.1	1	0.01%	1	0.01%
802	vitellogenesis-associated protein VIT-1 (VIT1) (=DKFZp564K2364)	AF264714.1	1	0.01%	1	0.01%
803	small EDRK-rich factor 1, long isoform (SERF1) (=btf2p44)	AF073519.1	1	0.01%	1	0.01%
804	translin	X78627	1	0.01%	1	0.01%
805	ionizing radiation resistance conferring protein (=X83544 DAP-3)	U18321	1	0.01%	1	0.01%
806	CGI-116 protein(LOC51019)(ORF)= AF155655 protein x 0009 mRNA	NM_016053.1	1	0.01%	1	0.01%
807	tropomyosin	M19267	1	0.01%	1	0.01%
808	hXBP-1 transcription factor DNA (=TREB protein)	L13850.1	1	0.01%	1	0.01%
809	KARP-1-binding protein 3 (=KIAA0470)	AB022659.1	1	0.01%	1	0.01%
810	inducible 6-phosphofructo-2-kinase/fructose 2,6-bisphosphatase (IPFK	AF056320	1	0.01%	1	0.01%
811	GTPase activating protein (rap1GAP)	M64788	1	0.01%	1	0.01%
812	guanine nucleotide binding protein (G protein), alpha inhibiting activity	NM_006496.1	1	0.01%	1	0.01%
813	COX VIa-L cytochrome c oxidase liver-specific subunit VIa (EC 1.9.3.1)	X15341.1	1	0.01%	1	0.01%
814	integrin, beta 5 (ITGB5)	NM_002213.1	1	0.01%	1	0.01%
815	DNA topoisomerase II (TOP2)	Z15115	1	0.01%	1	0.01%
816	squalene epoxidase	D78129	1	0.01%	1	0.01%
817	Krueppel-related DNA-binding protein (PF4)	M61866	1	0.01%	1	0.01%
818	RNA helicase	AJ223948	1	0.01%	1	0.01%
819	nuclear receptor subfamily 3, group C, member 1 (NR3C1)	NM_000176.1	1	0.01%	1	0.01%
820	potassium channel modulatory factor (=DKFZp434L1021)	AF155652.1	1	0.01%	1	0.01%
821	nuclear phosphoprotein similar to S. cerevisiae	NM_007062.1	1	0.01%	1	0.01%
822	COP9 complex subunit 4 (LOC51138)	NM_016129.1	1	0.01%	1	0.01%
823	endomembrane protein EMP70 precursor isologue	U95973	1	0.01%	1	0.01%
824	adipocyte acid phosphatase beta=phenylarsine oxide-sensitive tyrosyl	S62885.1	1	0.01%	1	0.01%
825	dead box, X isoform (DBX)	AF000982.1	1	0.01%	1	0.01%
826	major histocompatibility locus class III regions Hsc70t (smRNP, G7A, N	AF109905	1	0.01%	1	0.01%
827	ankyrin G (ANK-3)	U13616.1	1	0.01%	1	0.01%
828	spectrin beta protein (pAZSP 3' end)	X91849.2	1	0.01%	1	0.01%
829	antigen NY-CO-1 (NY-CO-1)	AF039687.1	1	0.01%	1	0.01%

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830	GS3955	D87119	1	0.01%	1	0.01%
831	HBV pX associated protein-8 (LOC51773)	NM_016578.1	1	0.01%	1	0.01%
832	hyperion gene	AJ010770	1	0.01%	1	0.01%
833	KIAA0090	D42044	1	0.01%	1	0.01%
834	KIAA0170	D79992	1	0.01%	1	0.01%
835	KIAA0379	AB002377	1	0.01%	1	0.01%
836	myeloid cell nuclear differentiation antigen	M81750	1	0.01%	1	0.01%
837	peroxisomal acyl-CoA:dihydroxyacetonephosphate acyltransferase (DHAPAT)	AF043937	1	0.01%	1	0.01%
838	serologically defined colon cancer antigen 1 (SDCCAG1)	NM_004713.1	1	0.01%	1	0.01%
839	suppressor of G2 allele	NM_006704.1	1	0.01%	1	0.01%
840	methylene tetrahydrofolate dehydrogenase (NAD dependent), methen	NM_006636.1	1	0.01%	1	0.01%
841	aspartyl glucosaminidase (AGA)	X55330	1	0.01%	1	0.01%
842	osteoblast specific cysteine-rich protein, complete cds	AB008375	1	0.01%	1	0.01%
843	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotr	NM_002080.1	1	0.01%	1	0.01%
844	proteinx0008 (AD013)	NM_013395.1	1	0.01%	1	0.01%
845	ubiquitin-activating enzyme E1C (homologous to yeast UBA3) (UBE1C	gi4507764	1	0.01%	1	0.01%
846	CCAAT-box-binding transcription factor (CBF2)	NM_005760.1	1	0.01%	1	0.01%
847	c-Cbl-interacting protein (CIN85)	AF230904.1	1	0.01%	1	0.01%
848	GA-binding protein transcription factor, beta subunit 1 (53kD) (GABPB1	NM_016654.1	1	0.01%	1	0.01%
849	thyroid receptor interactor (TRIP3)	L40410.1	1	0.01%	1	0.01%
850	ZNF01 and HUMORFKG1B genes, partial sequence	AF205588.1	1	0.01%	1	0.01%
851	endoplasmic reticulum lumenal Ca2 binding protein grp78	AF216292.1	1	0.01%	1	0.01%
852	leukophysin (LKP) = NM_001357.1 DEAD/H box polypeptide 9 (DDX9)	U03643.1	1	0.01%	1	0.01%
853	CGI-129 protein	AF151887.1	1	0.01%	1	0.01%
854	CGI-86 protein (LOC51635)	NM_016029.1	1	0.01%	1	0.01%
855	LIC-2 dynein light intermediate chain 53/55	U15138.1	1	0.01%	1	0.01%
856	protein 4.1-G, erythrocyte membrane protein (clone 24719)	AF054999	1	0.01%	1	0.01%
857	tropomodulin (TMOD)	M77016	1	0.01%	1	0.01%
858	TIP120 (=AB020636 KIAA0829)	D87671	1	0.01%	1	0.01%
859	orphan G protein-coupled receptor (RDC1)	U67784	1	0.01%	1	0.01%
860	mitogen-activated protein kinase 14 (MAPK14)	4503068	1	0.01%	1	0.01%
861	ralA binding protein 1 (RALBP1)	NM_006788.1	1	0.01%	1	0.01%
862	C-type lectin	BAA95671.1	1	0.01%	1	0.01%
863	non-histone chromosomal protein HMG-14	M21339.1	1	0.01%	1	0.01%
864	NCK adaptor protein 1(NCK1)=X17576 melanoma mRNA for nck prote	NM_006153.1	1	0.01%	1	0.01%
865	cargo selection protein TIP47 (TIP47)(=PP17)	AF057140	1	0.01%	1	0.01%
866	CGI-43 protein	AF151801.1	1	0.01%	1	0.01%
867	DNA repair helicase (ERCC3)	M31899.1	1	0.01%	1	0.01%
868	UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)	X85018	1	0.01%	1	0.01%
869	SMT3 (suppressor of mif two 3, yeast) homolog 1 (SMT3H1)	NM_006936.1	1	0.01%	1	0.01%
870	solute carrier family 20 (phosphate transporter), member 1 (SLC20A1)	7382462	1	0.01%	1	0.01%
871	glycogen phosphorylase	Y15233	1	0.01%	1	0.01%
872	ribonuclease L (2',5'-oligoadenylate synthetase-dependent) inhibitor	4506558	1	0.01%	1	0.01%
873	lymphocyte dihydropyrimidine dehydrogenase (DPYD)	U20938	1	0.01%	1	0.01%
874	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) (UCHL	NM_006002.1	1	0.01%	1	0.01%
875	nuclear receptor coactivator (=TRBP)	AF245115	1	0.01%	1	0.01%
876	serine kinase SRPK2	U88666	1	0.01%	1	0.01%
877	acyl-coenzyme A:cholesterol acyltransferase (ORF)	L21934.2	1	0.01%	1	0.01%
878	NADP dependent cytoplasmic malic enzyme (=U43944)	X77244	1	0.01%	1	0.01%
879	leucine rich repeat (in FLII) interacting protein 1 (LRRFIP1) (=GCF2)	NM_004735.1	1	0.01%	1	0.01%
880	metalloprotease/disintegrin/cysteine-rich protein precursor (MDC9) (=D	U41766	1	0.01%	1	0.01%
881	host cell factor 2 (HCF-2)	NM_013320.1	1	0.01%	1	0.01%

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882	X-ray repair complementing defective repair in Chinese hamster cells 4	gi4507944	1	0.01%	1	0.01%
883	cardiac myosin binding protein-C (ORF)	X84075	1	0.01%	1	0.01%
884	unc-50 related protein homologue	AF077038.1	1	0.01%	1	0.01%
885	activated in tumor suppression	AJ012502.1	1	0.01%	1	0.01%
886	cytokine-inducible SH2 protein 6 (CISH6) (=AB014571 KIAA0671)	AF073958.1	1	0.01%	1	0.01%
887	DAPIT protein	AJ271158	1	0.01%	1	0.01%
888	HepG2 3' region Mbol cDNA, clone hmd3c06m3	D17196.1	1	0.01%	1	0.01%
889	KIAA0006	D25304	1	0.01%	1	0.01%
890	KIAA0041	D26069	1	0.01%	1	0.01%
891	KIAA0095 gene	NM_014669.1	1	0.01%	1	0.01%
892	KIAA0227	D86980	1	0.01%	1	0.01%
893	KIAA0862=leucine-rich repeat protein SHOC-2 (SHOC-2)=AF054828	AB020669	1	0.01%	1	0.01%
894	KIAA0934 protein	AB023151.1	1	0.01%	1	0.01%
895	KIAA0997	NM_014950.1	1	0.01%	1	0.01%
896	KIAA1033	AB028956.1	1	0.01%	1	0.01%
897	KIAA1423	AB037844.1	1	0.01%	1	0.01%
898	La/SS-B protein	X69804	1	0.01%	1	0.01%
899	maternal-embryonic 3 (Mem3)	U47024	1	0.01%	1	0.01%
900	PB1	X90849	1	0.01%	1	0.01%
901	SCID complementing gene 2	D78188.1	1	0.01%	1	0.01%
902	TCTEL1 (t-complex-associated-testis-expressed 1-like 1)	D50663.1	1	0.01%	1	0.01%
903	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyl transferase 2 (GALNT2)	gi8393408	1	0.01%	1	0.01%
904	galactocerebrosidase (GALC) gene	L38559	1	0.01%	1	0.01%
905	QUINONE OXIDOREDUCTASE (NADPH:QUINONE REDUCTASE) (Z)	spQ08257	1	0.01%	1	0.01%
906	proline arginine-rich end leucine-rich repeat protein (PRELP) =U29089	NM_002725.1	1	0.01%	1	0.01%
907	selenoprotein T (LOC51714)	NM_016275.1	1	0.01%	1	0.01%
908	eukaryotic translation initiation factor 2 alpha kinase PEK	AF110146	1	0.01%	1	0.01%
909	EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF-5)	spP55010	1	0.01%	1	0.01%
910	translational inhibitor protein p14.5 (UK114) = X95384.1	NM_005836.1	1	0.01%	1	0.01%
911	translin associated protein X	X95073	1	0.01%	1	0.01%
912	ATP-dependent metalloprotease YME1L (contains Alu repeat)	AJ132637.1	1	0.01%	1	0.01%
913	proteasome subunit p42	D78275	1	0.01%	1	0.01%
914	sorting nexin 14 (SNX14)	AF121863.1	1	0.01%	1	0.01%
915	TIMP3 tissue inhibitor of metalloproteinases-3	X76227	1	0.01%	1	0.01%
916	ubiquitin conjugating enzyme, UbcH6	X92963	1	0.01%	1	0.01%
917	ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5) (U)	NM_003340.1	1	0.01%	1	0.01%
918	ubiquitin-conjugating enzyme E2L 6 (UBE2L6) =AF061736 ubiquitin-co	NM_004223.1	1	0.01%	1	0.01%
919	WDR1 protein	AF020260	1	0.01%	1	0.01%
920	kaiso (ZNF-kaiso)	gi5803228	1	0.01%	1	0.01%
921	retinoblastoma-binding protein 2 (RBBP2)	NM_005056.1	1	0.01%	1	0.01%
922	Nuclear protein SA-2 (=STAG2)	Z75331.1	1	0.01%	1	0.01%
923	small nuclear ribonucleoprotein polypeptide B' (SNRNPB2)	NM_003092.1	1	0.01%	1	0.01%
924	mitochondrial 12S and 16S rRNA	J01438	1	0.01%	1	0.01%
925	pre-mRNA cleavage factor Im (68kD) (CFIM) (=X67336)	5901927	1	0.01%	1	0.01%
926	male-specific lethal-3 (Drosophila)-like 1 (MSL3L1) (=DKFZp586J1822	NM_006800.1	1	0.01%	1	0.01%
927	nuclear protein stromal antigen 1 (SA-1)	NM_005862.1	1	0.01%	1	0.01%
928	coagulation factor V (proaccelerin, labile factor) (F5)	NM_000130.1	1	0.01%	1	0.01%
929	truncated SON protein (Son) (=AF161430.1 HSPC312)	AF193607.1	1	0.01%	1	0.01%
930	CGI-107 protein	AF151865.1	1	0.01%	1	0.01%
931	CGI-60 protein (LOC51626),	NM_016008.1	1	0.01%	1	0.01%
932	CGI-81 protein	AF151839.1	1	0.01%	1	0.01%
933	Norrie disease protein (NDP)	X65882	1	0.01%	1	0.01%



Figure 16 - Relative Est Frequency of Unique Known Genes Common to Mild and Severe cDNA Libraries - Page 19 of 19

934	osteonidogen (=AJ223500 nidogen-2)	D86425	1	0.01%	1	0.01%
935	adaptor protein CMS	AF146277.1	1	0.01%	1	0.01%
936	keratin 18 (K18)	M24842	1	0.01%	1	0.01%
937	myotubularin related protein 6	AF072928	1	0.01%	1	0.01%
938	nucleoporin p54	U63840	1	0.01%	1	0.01%
939	B219/OB receptor isoform HuB219.1	U52912	1	0.01%	1	0.01%
940	G protein-coupled receptor 69A (GPR69A) (=p40)	NM_006055.1	1	0.01%	1	0.01%
941	h-ryk	X69970.1	1	0.01%	1	0.01%
942	RYK tyrosine kinase	S59184.1	1	0.01%	1	0.01%
943	low-Mr GTP-binding protein (RAB32)	U59878	1	0.01%	1	0.01%
944	abundant in neuroepithelium area (BTG3) (=D64110 ANA)	gi5802989	1	0.01%	1	0.01%
945	glioblastoma amplified sequence (GBAS)	AF029786	1	0.01%	1	0.01%
946	macrophage-specific colony-stimulating factor (CSF-1)	M37435.1	1	0.01%	1	0.01%
947	monocyte chemotactic protein-3 (MCP-3)	X72308	1	0.01%	1	0.01%
948	ecotropic viral integration site 5 (EVI5)	NM_005665.1	1	0.01%	1	0.01%
949	potassium voltage-gated channel, delayed-rectifier, subfamily S, memb	NM_002252.1	1	0.01%	1	0.01%
950	integrin, alpha V(vitronectin receptor, alpha polypeptide, antigen CD51)	NM_002210.1	1	0.01%	1	0.01%
951	chromodomain protein, Y chromosome-like (CDYL) =AF081259	NM_004824.1	1	0.01%	1	0.01%
952	GTP-binding protein RAB21 (RAB21) = KIAA0118	AF091035	1	0.01%	1	0.01%
953	neuronal apoptosis inhibitory protein	U19251	1	0.01%	1	0.01%
954	proto-oncogene (Wnt-5a)	L20681.1	1	0.01%	1	0.01%
955	tumor necrosis factor alpha-induced protein 6 (TNFAIP6)	NM_007115.1	1	0.01%	1	0.01%
956	solute carrier family 16 (monocarboxylic acid transporters), member 7	(NM_004731.1	1	0.01%	1	0.01%
957	5' cap guanine-N-7 methyltransferase (RNMT)	AF067791.1	1	0.01%	1	0.01%

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**Figure 17. B2M level in synovial fluid**

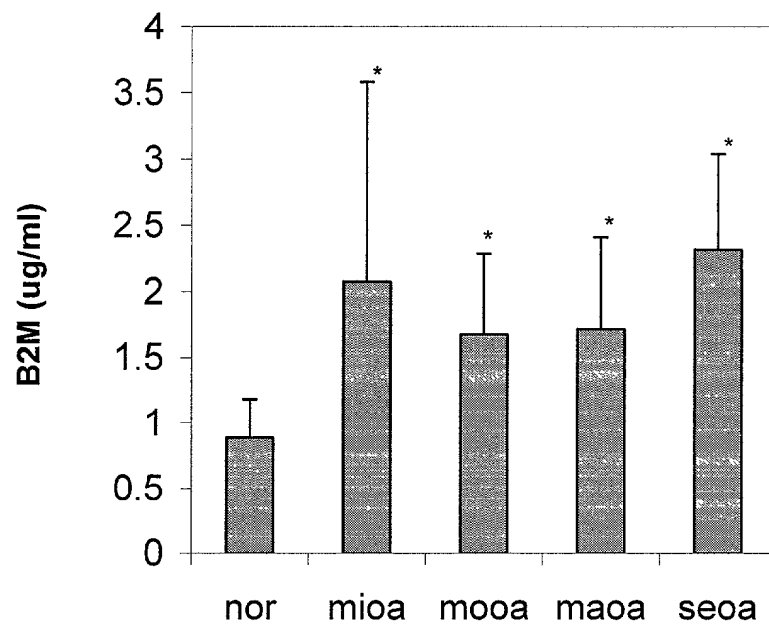
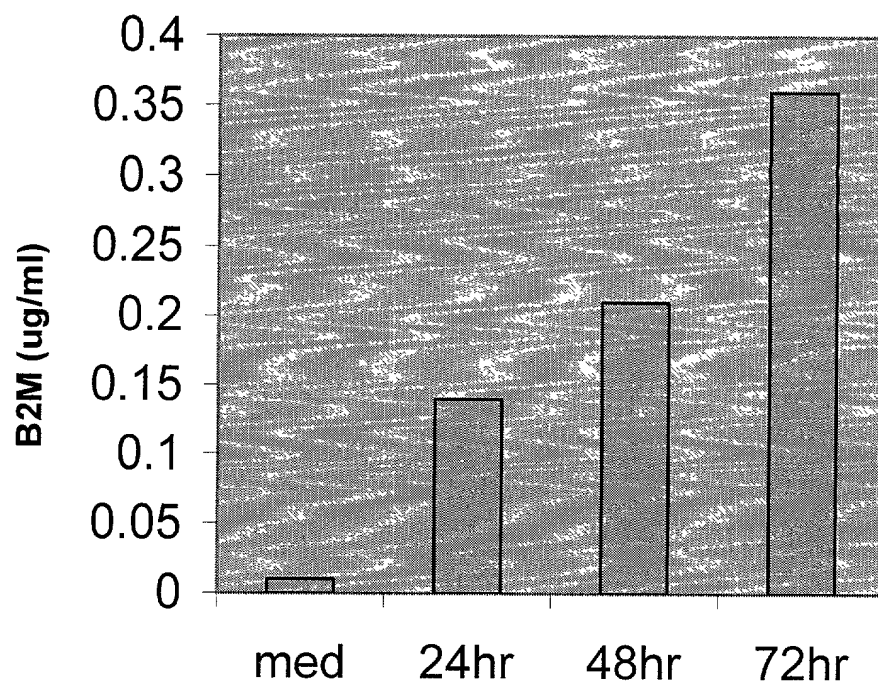


Figure 18. B2M levels in severe OA cartilage cultured medium



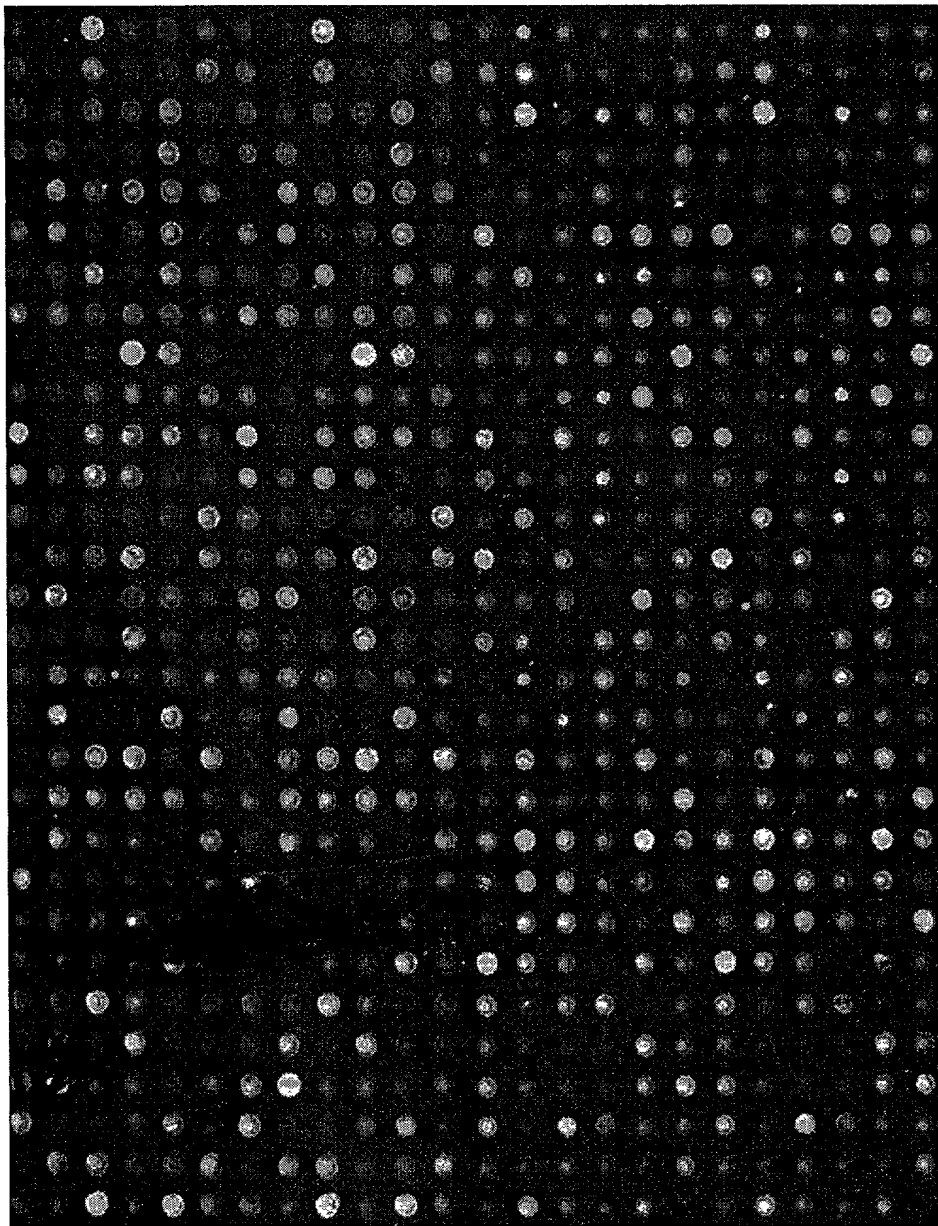


Figure 19. Differential gene expression of B2M treated chondrocytes detected by microarray.